



COLUMBIA CITY COUNCIL MEETING AGENDA TUESDAY, JUNE 18, 2019

The Columbia City Council will conduct a Work Session at 2 p.m. and Meeting at 6 p.m. on Tuesday, June 18, 2019 at City Hall, 1737 Main Street, Columbia, SC 29201.

The Honorable Mayor Stephen K. Benjamin
The Honorable Sam Davis, District I ▪ The Honorable Tameika Isaac Devine, At-Large
The Honorable Moe Baddourah, District III ▪ The Honorable Howard E. Duvall, Jr., At-Large
The Honorable Edward H. McDowell, Jr., District II ▪ The Honorable Daniel J. Rickenmann, District IV

Prior to entering the meeting please turn all electronic communication devices to the silent, vibrate or off position. All presenters are asked to speak directly into the microphone for recording purposes.

WORK SESSION - 2:00 P.M.

CALL TO ORDER

INVOCATION

CITY COUNCIL DISCUSSION

1. Columbia Homeless Court Update - Mr. George Cauthen, Esq.
2. Rosewood Community Traffic Calming Measures - Mr. David Brewer, Traffic Engineer
Addition

FISCAL YEAR 2019/2020 BUDGET WORKSHOP

3. Accommodations & Hospitality Tax Committee Recommendations for Fiscal Year 2019/2020 - Ms. Dee Dee Fanning, Grants Coordinator / Community Projects Liaison
4. Finalized Revenue Options - Ms. Melisa Caughman, Budget & Program Management Director

EXECUTIVE SESSION

5. Receipt of legal advice related to matters covered by attorney-client privilege pursuant to §30-4-70(a)(2)

*Accommodations Tax
Ban the Box
Soda City*



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6. Discussion of matters relating to proposed location or expansion of services to encourage location or expansion of industries or other businesses pursuant to S.C. Code §30-4-70(a)(2) **Updated**

*Development Incentives
Finlay Park
Krumware*

7. Discussion of negotiations incident to proposed contractual arrangements pursuant to S.C. Code §30-4-70(a)(2)

Capital City Stadium

8. Discussion of the employment of an employee pursuant to §30-4-70(a)(1) **Updated**

Organizational Structure

COUNCIL MEETING - 6:00 P.M.

PLEDGE OF ALLEGIANCE

INVOCATION

ADOPTION OF THE AGENDA

PUBLIC INPUT RELATED TO AGENDA ITEMS

APPROVAL OF MINUTES

9. Council is asked to approve the May 7, 2019 City Council Meeting Minutes.

CONSENT AGENDA ITEMS 10 THROUGH 19

10. Council is asked to approve the purchase of Energov Software, as requested by Columbia Water. Award to Tyler Technologies, Inc., in the amount of \$116,813.00. This vendor is located in Duluth, GA.

Funding Source: Engineering - Software License; 5511706-627510. Engineering Water-System Improvements - Maintenance and Service Contracts; 5516220-638200. Engineering - Storm Water Improvements - Software License; 5534202-627510. Engineering Wastewater Systems Improvements, 5516221-636600. Engineering Water System Improvements - Professional Services; Engineering Administration - Professional Services; 5511701-636600. The original budgeted amount is \$116,813.00.



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11. Council is asked to approve the Purchase and Installation of Equipment for twenty (20) Chevrolet Tahoes for the Police Department, as requested by Fleet Services. Award to West Chatham Warning Devices, in the amount of \$180,340.10. This vendor is located in Lexington, SC.

Funding Source: Capital Replacement/Auto, Trucks, Hvy Equip, Capital; 6308972/658500. The original budgeted amount is \$200,000.00.

12. Council is asked to approve a Contract Extension for Environmental Testing Services for Pre-treatment/Fats, Oils, and Grease (FOG) Aqueous Sample Matrix for the Metro Wastewater Treatment Plant, as requested by Columbia Water. Award to Rogers and Callcott in the amount of \$117,065.11. This firm is located in Columbia, SC.

Funding Source: 5516208-638300 Utilities Metro Wastewater Plant - Special Contracts. The original budgeted amount is \$213,000.00.

13. Council is asked to approve Contract Extensions for Water and Wastewater Chemicals and Magnesium Hydroxide, as requested by Columbia Water. Award to the lowest bidders of each lot, in the amount of \$1,679,968.00.

Funding Sources: Utilities Lake Murray WTP- Chemicals: 5516207-624800, Utilities Columbia Canal WTP-Chemicals: 5516206-624800, Utilities Metro Wastewater Plant - Chemicals: 5516208-624800. The original budgeted amount for this renewal is \$1,679,968.00.

Chemicals for Columbia Canal Water Plant, Lake Murray Water Plant, and Metro Wastewater Treatment Plant					
Chemical	Plant	Vendor	Location	Requisition/ Reference Bid	Amount
Polymer	Canal WTP Lake Murray WTP Metro WWTP	Polydyne, Inc.	Riceboro, GA	R197878 R197888 R197693 BID047-14-15	\$7,853.75 \$8,247.50 \$203,500.00
Carbon	Canal WTP Lake Murray WTP	Cobat Norit Americas, Inc.	Marshall, TX	R197872 R197882 BID047-14-15	\$108,250.00 \$61,512.50
Liquid Sulfuric Acid 78%	Lake Murray WTP	Southern States Chemical, Inc.	Savannah, GA	R197890 BID024-15-16	\$18,056.25



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Purate	Lake Murray WTP	Water Solutions	West Haven, CT	R197889 BID024-15-16	\$72,427.50
Anhydrous Ammonia	Canal WTP Lake Murray WTP	Tanner Industries, Inc.	Southampton, PA	R197871 R197881 BID004-17-18	\$22,146.25 \$16,790.75
Aluminum Sulfate	Canal WTP Lake Murray WTP	Chemtrade Chemicals US, LCC	Toronto, ON	R197869 R197880 BID004-17-18	\$100,443.75 \$122,085.50
Chlorine	Canal WTP Lake Murray WTP	JCI Jones	Sarasota, FL	R197874 R197884 BID004-17-18	\$41,354.75 \$38,960.00
Sodium Hydroxide-Caustic Soda	Canal WTP Lake Murray WTP	JCI Jones	Sarasota, FL	R197873 R197883 BID004-17-18	\$38,115.00 \$35,662.50
Sodium Hypochlorite 12% Trade Weight or 15% Trade Weight	Metro WWTP	JCI Jones	Sarasota, FL	R197694 BID004-17-18	\$134,500.00
Liquid Lime-Calcium Hydroxide	Canal WTP Lake Murray WTP	Polytec, Inc.	Mooresville, NC	R197877 R197886 BID004-17-18	\$45,146.00 \$59,946.00
Fluoride-Fluor Silicic Acid, Liquid	Canal WTP Lake Murray WTP	Univar USA, Inc.	Morrisville, PA	R197875 R197885 BID004-17-18	\$69,345.00 \$66,200.00
Sodium Chlorite	Canal WTP	International Dioxide, Inc.	North Kingston, RI	R197879 BID004-17-18	\$121,175.00
Sodium Bisulfate	Metro WWTP	Southern Ionics, Inc.	West Point, MS	R197696 BID006-18-19	\$76,750.00
Magnesium Hydroxide	Metro WWTP	Premier Magnesia	Conshohocken, PA	R197695	\$211,500.00
				Total	\$1,679,968.00



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14. Council is asked to approve Construction Change Order# 1 for Project SS7363; Smith Branch 03 Sewer Rehabilitation Implementation, as requested by Columbia Water. Award to North American Pipeline Management, Inc. in the amount of \$1,620,988.00. This firm is located in Marietta, GA.

Funding Source: 5529999-SS736301-658650. The previous awarded amount, including a \$250,000.00 contingency is \$6,205,713.00. With approval of this Construction Change Order increase of \$1,620,988.00, the revised awarded contract amount will be \$7,826,701.00. The original budgeted amount for this project is \$7,000,000. The original budget amount for this change order is \$1,620,988.00.

This is a Clean Water 2020 Program Project.

The original contract has subcontractor LA Barrier and Son of Lexington, SC, a Minority Business Enterprise (Woman) providing trucking and aggregate materials at 12% (\$692,000) of the contract value. The CDBE goal for this project was established at 26%. The vendor has maintained the goal at 12.7% with good faith efforts for this change order.

15. Ordinance No.: 2019-041 Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 23, Utilities and Engineering, Article V, Water and Sewer Rates to add Sec. 23-155 Industrial user permit fees

First reading approval was given on June 11, 2019.

16. Ordinance No.: 2019-042 Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 23, Utilities and Engineering, Article IV, Wastewater Service, Sec. 23-112 Violations; penalty

First reading approval was given on June 11, 2019.

17. Resolution No.: R-2019-048 Authorizing consumption of beer and wine only at the Tasty Tomato Festival in Earlewood Park on Saturday, July 13, 2019

18. Resolution No.: R-2019-049 Authorizing consumption of beer and wine only at the Jubilee Festival of Black History and Culture in the 1400 block of Richland Street and 1900 block of Marion Street adjacent to the Mann-Simons House on Saturday, September 21, 2019



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19. Resolution No.: R-2019-052 Authorizing consumption of beer and wine only at the Palmetto Peanut Boil Festival in the 2900 block of Devine Street between Sims Avenue and Olive Street on September 21, 2019 with a rain contingency date of September 28, 2019

BUDGET ORDINANCES - SECOND READING

20. Ordinance No.: 2019-038 To Raise Revenue and Adopt the Budget for the City of Columbia, South Carolina, for the Fiscal Year ending June 30, 2020

First reading approval was given on June 11, 2019.

21. Ordinance No.: 2019-039 Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 23, Utilities and Engineering, Article V, Water and Sewer Rates, Sec. 23-143 Water service rates and Sec. 23-149 Sewer service rates (a) and (b)

First reading approval was given on June 11, 2019.

PRESENTATIONS

22. Recognition of Officer Alvie R. Vereen, III as the June 2019 Employee of the Month - Chief William (Skip) Holbrook, Chief of Police and Corporal William Beattie, Police Corporal
23. The Hunger Project - Dr. Tamara L. Burk, Director of the Columbia College Center for Leadership & Social Change
24. Update from Capital City Lake Murray Country - Ms. Miriam Atria, President & CEO / Capital City/Lake Murray Country Regional Tourism Board

ORDINANCE - SECOND READING

25. Ordinance No.: 2019-033 Authorizing the City Manager to execute a Twelfth Amendment to Purchase Agreement between the City of Columbia and Bright-Meyers 2001 LLC for the sale of 5.97 +/- acres (Capital City Stadium), Richland County TMS #11204-02-02

First reading approval was given on May 7, 2019.



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26. Ordinance No.: 2019-040 Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 23, Utilities and Engineering, Article V, Water and Sewer Rates, Sec. 23-150 Discharge of septic tank waste and repealing Sec. 23-151 Use of septic tanks where public sewer is available

First reading approval was given on June 11, 2019.

RESOLUTIONS

27. Resolution No.: R-2019-055 Authorizing the City Manager to execute a First Amendment to Purchase and Sale Agreement between the City of Columbia and HRT Realty, LLC and any documents necessary to consummate the purchase of 1601 Assembly Street, Richland County TMS #09014-01-02
28. Resolution No.: R-2019-056 Ratifying and Authorizing the City Manager to execute a First Amendment to Purchase and Sale of Real Property between the City of Columbia and Columbia Venture, LLC and any documents necessary to consummate the purchase of approximately 199.65 acres along Simmon Tree Lane, Beltline Boulevard and Bluff Road, Richland County TMS #11000-01-06 (pt)

APPOINTMENTS

29. Food Policy Committee
30. Citizens Advisory Committee for Community Development
31. Commercial Revolving Loan Fund Committee

CONSIDERATION OF MATTERS DISCUSSED DURING THE WORK SESSION

32. Accommodations & Hospitality Tax Committee Recommendations for Fiscal Year 2019/2020

CITY COUNCIL COMMITTEE REPORTS/REFERRALS

APPEARANCE OF THE PUBLIC

ADJOURNMENT



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: City Clerk

FROM: *Erika Moore, City Clerk*

SUBJECT: Columbia Homeless Court Update - Mr. George Cauthen, Esq.

**FUNDING SOURCE &
ORIGINAL BUDGET:**

FOCUS AREAS: Innovative & High Quality Municipal Services

ATTACHMENTS:

- **#a:** Cola HC rpt (PDF)
- **#b:** Article on Homeless Courts
- **#c:** Article on Homeless Courts



Memorandum

To: Mayor Benjamin and Columbia City Council
Teresa Wilson, Columbia City Manager

cc: E. Fielding Pringle, Fifth Circuit Public Defender
Byron Gipson, Fifth Circuit Solicitor

From: George B. Cauthen *George B. Cauthen*

Date: June 7, 2019

Re: Report on Columbia Homeless Court

In the fall of 2013, Columbia was having some discussions about the local homeless population. Some controversial solutions were suggested, and William C Hubbard, an attorney with Nelson Mullins Riley & Scarborough LLP and an officer in the American Bar Association, suggested to Councilwoman Tameika Isaac Devine that the city consider starting a homeless court. The American Bar Association's Commission on Homelessness and Poverty had previously espoused the idea of homeless courts. Hubbard volunteered the services of one of the prior commissioners from the Commission on Homelessness and Poverty, George Cauthen. Councilwoman Devine asked Chief Municipal Court Judge Dana Turner to contact Cauthen to explore the possibility of a homeless court for Columbia.

Together they formed a representative committee that included Skip Holbrook, the chief of police; solicitor Dan Johnson and assistant solicitor Daniel Coble; public defender Doug Strickler; Ashley Thomas and Sue Berkowitz from the Appleseed organization; Anita Floyd of the United Way; Craig Currey of Transitions; Cauthen, Brandon Smith and Norah Rogers from Nelson Mullins; Magistrate Judge Donald Simons of Richland County (for further expansion into Richland County; Stephanie Nye and Robin Wheeler of the South Carolina Supreme Court Access to Justice Commission; and Julie Ann Avin of MIRCI;

The committee met monthly for 12 months. During that time, on site visits were conducted of the original homeless court in San Diego, California and the Birmingham, Alabama homeless court. Steve Binder, consultant with the American Bar Association and associated with the very first homeless court in the nation, traveled from California to Columbia to provide training to the committee, service providers, and other advocates. Anticipating that we would have future courts from other major cities in South Carolina, representatives from Charleston and Greenville also attended.

The committee approached the South Carolina Supreme Court Access to Justice Commission about creating a special article IV court under the South Carolina Constitution. The ATJ agreed, and submitted a petition to create the first homeless court in South Carolina to the South Carolina Supreme Court. On September 23, 2014, Chief Justice Toal signed an order creating the Columbia Homeless Court.

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The first session of Columbia Homeless Court was held on January 27, 2015 at Transitions, and court sessions have been held continuously since that date. Homeless Court is usually held on the third or fourth Tuesday of the month at Transitions around 2:00 PM. The offenses addressed are usually misdemeanors. The city court judge, along with two uniformed officers, sets up court in the day room of Transitions. The assigned assistant solicitor and the assigned assistant public defender sit at tables placed before the judge. The homeless defendant, along with their caseworker and service provider, sits with the public defender.

We usually have between 60 to 100 homeless people in attendance to observe the proceedings. This is part of our marketing plan. Homeless court is not a cure for everyone. It is a strong incentive for defendants to seek help with their root problem.

Court begins with the judge announcing the case. The public defender then addresses the court, describing his client's current conditions and how they've improved since they were accepted in the homeless court. Oftentimes the caseworker and/or the service provider will also speak up on behalf of the defendant. The public defender closes with asking that the court dismiss the current charge and prior charges in order to clear up the record of the defendant, so that they can get employed or gain housing. Frequently a record of convictions will inhibit job placement or housing placement.

The solicitor will concur in the recommendations. The judge then rules and makes it so, and congratulates the defendant for the progress they made. The hearing ends with applause from the bench and all present.

The Columbia Homeless Court has become a laboratory for social scientists, judges, academics, and others. Almost every session has observers. For example, Municipal Court Judge Erica McJimpsey and her court administrator, Alma Williams, both of Spartanburg, attended the most recent session on May 28. Spartanburg is considering creating a homeless court of their own. Following the visit to Columbia Homeless Court, Spartanburg has decided to seek a homeless court of its own, which if granted, would be the fifth Homeless Court in South Carolina. Additionally, we have had three chief justices of the South Carolina Supreme Court since the formation of the original committee, and each Chief Justice has sent observers to the Columbia homeless court.

At a recent American Bar Association Summit on homeless courts held in San Diego, the Columbia homeless court was one of the focused discussion points.

There have been collateral benefits as well. The public defender, an office chronically understaffed and underfunded, made it clear that they did not have the personnel to staff a homeless court. At that time, they received no funds from the city for

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representation in city courts. The city later provided partial funding for two public defender positions in the amount of a hundred thousand dollars a year. Around the same time, the American Civil Liberties Union was preparing class-action lawsuits against certain South Carolina cities for their failure to provide representation in municipal courts. Such suits were filed against the cities of Bluffton and Beaufort by the ACLU, and featured in a New York Times article in the fall of 2017. While the City of Columbia was mentioned in the article, representation was ongoing at that time for city court defendants, thanks to City Council providing this funding in 2015.

As a result of the creation and the outgrowth of homeless courts in Charleston, Myrtle Beach, and now Florence, hundreds of homeless people have regained their dignity through employment and housing. Recidivism has been low. The Charleston, Myrtle Beach and Florence homeless courts are all modeled after the Columbia court, and training for the other South Carolina homeless courts has been provided by the Fifth Circuit Public Defender (Dino Pournaras and Kieley Sutton) and the Fifth Circuit Solicitor (Daniel Coble, Joe Berry, Hans Pauling). Whenever we start a new homeless court in South Carolina, we ask our judge, solicitor, and public defender if they would be willing to talk to their counterpart in the new city. They always agree, and that has often been the point of persuasion to get a reluctant party on board. Chief Holbrook has also played that role very effectively.

Judge Dana Turner, now retired, was the perfect judicial officer to lead this court. At the very first hearing, she started the tradition of applauding the success of the defendant. The tradition has grown statewide to all homeless courts. Judge Turner was focused on the outcome. The success of this court lies in the foundation created by Judge Turner, assistant solicitor Daniel Coble, and especially assistant public defender Dino Pournaras. Concerns about the institutionalization of the court and succession have dissipated as we have had turnover with the judge and the solicitor positions. Dino has been there from the beginning and I have threatened that if he ever leaves, I'm leaving. He has, wisely, trained successors. This is not an adversarial court, but one that works together—solicitor, public defender, and judge—to find the right outcome that helps each defendant.

Chief Municipal Court Judge Steedley Bogan continues with Judge Turner's traditions and is a great ambassador for Columbia to the visiting judges, officials, and other dignitaries that visit the Columbia homeless court.

Homeless court will not work for everyone, but the program has created positive results for its various stakeholders in the majority of cases. The Columbia Homeless Court remains poised for continued success in the future.

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Finally, the City of Columbia's Homeless Court was featured in a recent South Carolina Lawyer article, a copy of which is attached.

Homeless Courts

An Alternative to the Criminalization of the Homeless

By George B. Cauthen and Jennifer P. Wilson

It is a cold, overcast afternoon, and a man with no money and no place to stay, carrying his belongings in a plastic garbage bag, walks down the sidewalk of a city in South Carolina. As it starts to rain, the man ducks under an awning of a store in order to stay dry. The store owner, for whatever reason, does not like that the apparently “homeless” man is taking up space under the awning. The store owner calls the police. The police respond and cite the man for trespassing.

Up until now that man had three options: appear in court and be fined an amount he could not pay, appear in court and be sentenced up to 30 days in jail, or choose not to attend court and risk having a bench warrant issued for his arrest. However, now there is a fourth option for a man like this who is homeless—Homeless Court.

In the beginning

In 1989, Steve Binder was work-

ing as a deputy public defender in the misdemeanor arraignment department of the San Diego Office of the Public Defender. At the time, misdemeanor offenses accounted for 80 percent of the criminal caseload of the department.

When people who are homeless appeared in court on misdemeanor charges, they explained to the judge about the circumstances that took them from their homes and put them on the street. In most cases they pled guilty to the charge and left court with a fine to pay, public service to perform, or time served, and a legal burden to add to their other problems.

The public defender, prosecutor, judges, even the police, were uncomfortable and frustrated with the futility of this revolving-door approach to law enforcement. They came to realize that a person who cannot afford a place to live cannot afford to pay a fine for committing a crime that occurred because they

were homeless. The criminal justice system had a routine procedure. Unfortunately, that procedure did not adequately meet the needs of the homeless population.

Binder joined a group of criminal justice practitioners who were trying to find an answer to the problem. At one of the meetings a survey compiled by the Veterans Administration was discussed. The survey indicated that one in five veterans who were homeless requested help to resolve their legal problems.

This request for help became the foundation for the San Diego Homeless Court. The first Homeless Court session was held on the outdoor handball court at San Diego High School as part of Stand Down, an annual event held by the Veterans Administration to relieve the isolation of veterans who are homeless and to assist them in overcoming barriers to being housed. There are now over

PHOTO BY GEORGE FULTON



May 2019

50 Homeless Courts operating in 21 states including three in South Carolina: Columbia, Charleston and Myrtle Beach. Chief Municipal Judge Debra Jackson of Florence is forming an organizational committee for a possible Homeless Court in her city.

Why a Homeless Court?

The theory behind the Homeless Court concept is that people who are homeless, given their living situation, come into contact with law enforcement more often than other individuals. As a result, they are issued more citations, and at a subsequent court hearing—if they attend—they express their inability to pay the fines associated with those citations. If they do not attend, which is often, a bench warrant may be issued for their arrest.

There are a number of valid reasons why people who are homeless do not attend their court hearings. Attendance at court, or any mainstream agency appointment, requires planning and resources. For many individuals who are

homeless, their day is spent trying to survive—searching for food, clothing, shelter, and employment. They may have no place to store their belongings or are too embarrassed by their lack of personal hygiene and proper clothes to attend court. Still others may not understand the need to attend.

However, the greatest single factor that prevents individuals who are homeless from attending a traditional court hearing is fear. They fear a system that in general has not treated them well in the past. They fear their inability to pay the fines imposed on them. They fear incarceration, especially when they are working or in some type of treatment program and incarceration means starting over at square one upon release. Other than providing temporary housing, incarceration of the homeless does nothing to benefit the homeless or the community. Yet, court attendance is the only way to resolve legal issues.

Homeless Court seeks to address this dilemma that perpet-

uates a cycle of homelessness by "bringing the court to the streets." It enables individuals who are living in a shelter or participating in a treatment program to attend court at a homeless shelter and gives them perhaps their first positive experience with the legal system.

Bringing the court to the streets allows the Homeless Court to improve access to justice for individuals who are homeless. As a consequence of this improved access, individuals can be directed to vital services that will help get them off the streets and into stable housing arrangements.

In addition to the obvious benefits to the homeless population, Homeless Courts are beneficial in other ways. Homeless Courts benefit the criminal justice system by reducing court and jail costs. They build community collaboration between homeless shelters and service agencies and save agency resources by preventing individuals from having to work a program, become incarcerated and then start the program over again. Homeless

Statewide Representation
for Victims of

Timeshare Fraud

- High pressure sales
- Long presentations
- Poor quality accommodations
- Little or no availability
- Excessive interest rates
- Hidden disclosures
- Point inflation
- High maintenance fees

L. Sidney Connor, IV

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Courts also benefit the community by engaging people who are homeless in productive activity and moving them out of parks and other gathering places where they are unwanted by many and susceptible to arrest. Taken in toto, these benefits build a more inclusive justice system and a stronger community.

The ABA steps in

In 2003, the American Bar Association (ABA), through the efforts of the ABA Commission of Homelessness and Poverty, adopted a policy in support of the development of Homeless Courts. Through that policy, the ABA urged state, local and territorial courts to facilitate the development of Homeless Courts as treatment-oriented diversionary proceedings. The goal was dismissal of misdemeanor offenses in recognition of completion of shelter/service agency activities prior to the court appearance, as a means to foster the movement of people experiencing homelessness from the streets through a shelter program to self-sufficiency.

While each Homeless Court in the country operates independently and creates a process designed to meet the needs of those in the community who are homeless, all Homeless Courts adhere to the ABA policy outlining the key principles for Homeless Courts¹:

- Prosecutors, defense counsel and the court should agree on which offenses may be resolved in the Homeless Court Program, and approve the criteria for individual participation, recognizing that defendant participation in Homeless Court Programs shall be voluntary.
- Community-based service providers should establish criteria for individual participation in the Homeless Court Program and screen individuals pursuant to these criteria.
- The Homeless Court Program shall not require defendants to waive any protections afforded by due process of law.
- All Homeless Court Program participants shall have time for meaningful review of the cases

and issues prior to disposition.

- The Homeless Court Program process and any dispositions therein should recognize homeless participants' voluntary efforts to improve their lives and move from the streets toward self-sufficiency, including participation in community-based treatment or services.
- Participation in community-based treatment or services shall replace traditional sanctions such as fines, public work service and custody.
- Defendants who have completed appropriate treatment or services prior to appearing before the Homeless Court shall have minor charges dismissed, and, where appropriate, may have more serious misdemeanor or charges before the court reduced or dismissed. Where charges are dismissed, public access to the record should be limited.

The Homeless Court process

As previously mentioned, each Homeless Court across the country has developed its program through a partnership involving law enforcement, the judicial system, service providers, and the needs of the participants. However, in general, participants voluntarily sign up with their homeless service agency to participate in Homeless Court. By taking the initiative to sign up, participants seek justice and a way to reconcile their past with their accomplishments in order to reclaim their lives and build a future. Each Homeless Court combines a progressive plea bargain system, alternative sentencing structure, assurance of "no custody," and proof of program activities to address a full range of offenses. Alternative sentencing substitutes participation in agency programs for fines and custody. These activities may include: life-skills, chemical dependency or Alcoholics Anonymous/Narcotics Anonymous meetings, counseling, education, and training or searching for employment.

When a participant has met the goals of his or her treatment

plan, the participant meets with a defense attorney to review the criminal aspects of the case. The conversation then moves to the program activities that will help the participants transform their lives for the better. Together, they focus on treatment, their accomplishments, and establishing a strong support system. Participants appear before a judge at a hearing held in a homeless shelter. As each case is called, terms for resolution are presented. The court then reconciles the participant's accomplishments against their offenses and pronounces judgment, clearing the slate for a return to the community as a valued citizen.

Homeless Courts in South Carolina

Columbia

In 2013, issues related to homelessness received a vast amount of media attention in the city of Columbia. Nelson, Mullins, Riley, and Scarborough LLP partner and future president of the ABA (2014-2015) William Hubbard was familiar with the ABA Commission on Homelessness and Poverty and its work on Homeless Courts. Hubbard suggested to the City Council that Chief Municipal Judge Dana Turner and former ABA Commissioner on Homelessness and Poverty and Nelson Mullins partner George Cauthen work together to create a Homeless Court in Columbia. The Columbia Homeless Court Committee was formed as a result. The committee—chaired by Cauthen—was comprised of judges, solicitors, public defenders, the Columbia chief of police, local service providers, and attorneys in private practice. It was formed to help people who were homeless and who may be facing a criminal record for a minor offense without the ability to pay the fines associated with that offense.

The committee investigated and researched other Homeless Court programs around the country. Using those models, it worked to create a court that would best fit with the population and systems already existing so that the court

could address and promote treatment and rehabilitation for people in Columbia who were homeless. In addition, Nelson Mullins adopted homeless courts as a pro bono project and has provided ongoing funding and manpower for training, printing brochures, committee lunches, etc., for Columbia and other sites in South Carolina as well.

The Columbia Homeless Court began on January 27, 2015, conducting its very first hearings at Transitions, a local homeless shelter, before the Honorable Dana Turner. Early in the process, Judge Turner set the tempo by leading the crowd in applause for the successful defendants who completed the process. The Columbia Homeless Court continues to be fully operational and successful. Judge Turner retired from the bench in July 2018 and stated: "Homeless Court was the most rewarding thing I did as Chief Administrative Judge."

Charleston

The establishment of a Homeless Court in Columbia reignited

interest in establishing a Homeless Court in Charleston. Two events coincided to start the development of the court. In September 2015, Cauthen contacted Jeff Yungman at One80 Place Legal Services about starting a Homeless Court in Charleston. At about the same time, Yungman was present in the City of Charleston Municipal Court when three homeless individuals appeared before Judge Alesia Rico Flores. One individual was charged with trespassing and the other two with shoplifting food. Following the hearings, Yungman sent information about homeless courts to Judge Rico Flores. She read the material and responded that she was very interested in establishing a Homeless Court in Charleston. With the assistance of Judge Flores, the nucleus of an implementation committee was formed.

On October 6, 2015, the Charleston Homeless Court committee met for the first time with Cauthen at Nelson Mullins in Charleston. Over the next 11 months, the committee—chaired

by Mary Vosburgh of One80 Place—met regularly, adding additional members. The committee visited the Columbia Homeless Court, determined what offenses would be addressed by the court and where the court would be held, developed a process for the court, and created the metrics to be used to determine the success of the court.

In September 2016, the committee submitted a petition to establish the Charleston Homeless Court to the South Carolina Access to Justice Commission. The Commission approved the petition and forwarded it the Supreme Court of South Carolina, which issued an order granting the petition and establishing the court. On March 23, 2017, the Charleston Homeless Court held its first session at One80 Place. Like the Columbia court, the Charleston Homeless Court remains fully operational and successful. Thus far, not one participant who successfully completed the Charleston Homeless Court program has been cited for another offense.

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Myrtle Beach

Judge Jennifer Wilson, Chief City Judge of the Myrtle Beach Municipal Court, learned about the success of the Homeless Courts in Columbia and Charleston. She was experiencing the same issues with individuals who were homeless that appeared before her that Judge Turner and Judge Rico Flores experienced in their areas. Judge Wilson was convinced that a Homeless Court in Myrtle Beach would provide a valuable alternative to fines or incarceration.

Judge Wilson contacted Cauthen for advice on how to start a Homeless Court. With his advice, Judge Wilson formed a committee consisting of city officials, court staff, law enforcement, and service providers, including New Directions, the local homeless shelter. She then invited Cauthen, Steve Binder, and Jeff Yungman, all three associated with the ABA Commission on Homelessness and Poverty, to speak to the committee about the principles and process of Homeless Court.

The Myrtle Beach Homeless Court held its first sessions at New Directions in March 2019.

The future of Homeless Courts

A Homeless Court Summit was held in San Diego in November 2018. The purpose of the Summit was to celebrate 30 years of Homeless Courts and to chart a course for further expansion of the Homeless Court program, including the development of regional sites, like South Carolina, that would serve as a resource for other jurisdictions interested in implementing a Homeless Court.

As part of the summit, Cauthen and Judge Rico Flores represented South Carolina on a panel entitled, "Trends, Gaps, Strengths, and Opportunities: Updates from Homeless Courts Across the Country." In her remarks, Judge Rico Flores provided an example that illustrates just what a positive impact Homeless Court can have on an individual's life:

One of my favorite success stories from Homeless Court involved

"Faith"—a homeless woman trying to return to her country of origin, but with a pending trespassing charge that might have interfered with her traveling.

Faith found herself homeless after her serious mental health conditions kept her from working. Her "trespassing" charge came about from sleeping on the grounds of a downtown church, which she believed was allowed since she sometimes attended that church. Faith was literally living "on the streets." She was referred to Homeless Court and was able to enter the Family Center at One80 Place. The plan was for Faith to receive mental health treatment and to arrange for her return to her supportive family in New Zealand. The One80 Place Legal Services team communicated with the Australian Embassy on Faith's behalf to assure them of her participation in Homeless Court and the likelihood that her criminal charge would be dismissed. Faith successfully completed her treatment plan for

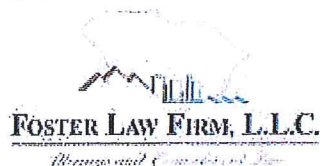
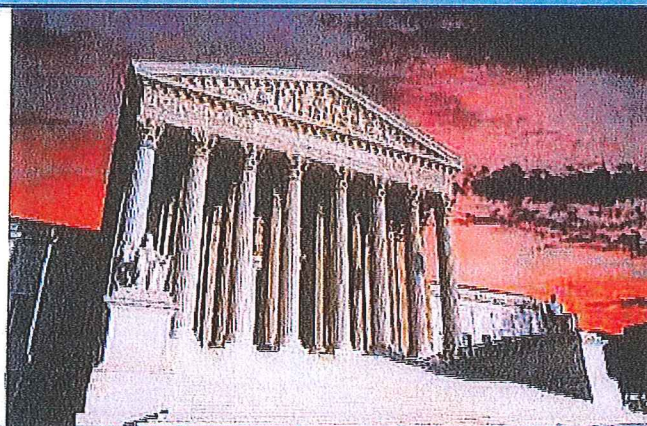
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Homeless Court. A church member helped her with purchasing an airline ticket to fly home, and a Homeless Court hearing was held in her absence with the trespassing charge being dismissed.

Faith wrote to us after arriving in New Zealand and settling on her family's farm. She expressed how appreciative she was of this second chance that Homeless Court afforded her. Without Homeless Court Faith likely would have remained in a cycle of homelessness and criminal citations, never gaining ground to overcome the challenges that prevented her from a stable life.

Every Homeless Court in the country has similar stories to tell, with many more to come.

The ABA Commission on Homelessness & Poverty has developed a series of educational resources and provides free technical assistance in an effort to foster replication of the Homeless Court model across the country. For more information on Homeless Courts, please visit ambar.org/homeless or contact Kelly Russo, director, ABA Commission on Homelessness & Poverty at (202) 662-1699 or Kelly.Russo@americanbar.org. If you would like to start a Homeless Court in your municipality, contact George Cauthen of Nelson Mullins at 803-255-9425 or george.cauthen@nelsonmullins.com.

George B. Cauthen is a partner at Nelson Mullins Riley & Scarborough, L.L.P. and works in the Columbia office as a bankruptcy lawyer. Jennifer P. Wilson is the Chief Judge of the Myrtle Beach Municipal Court since January 2000 and has served as chairman of the Homeless Court Committee since February 2018.

Endnotes

¹ American Bar Association, Resolution 108 A, adopted by the House of Delegates August 7-8, 2006, available at www.americanbar.org/content/dam/aba/publishing/criminal_justice_section_newsletter/crim-just_policy_am06108a.pdf.



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: City Clerk

FROM: *Erika Moore, City Clerk*

SUBJECT: Rosewood Community Traffic Calming Measures - Mr. David Brewer, Traffic Engineer

FUNDING SOURCE & ORIGINAL BUDGET:

FOCUS AREAS: Enhancing Columbia's Neighborhoods, Innovative & High Quality Municipal Services



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: City Management Office

FROM: *Teresa Wilson, City Manager*

SUBJECT: Accommodations & Hospitality Tax Committee
Recommendations for Fiscal Year 2019/2020 - Ms. Dee Dee
Fanning, Grants Coordinator / Community Projects Liaison

**FUNDING SOURCE &
ORIGINAL BUDGET:**

ATTACHMENTS:

- **#a:** 2019-20 Annual A-Tax Recommendations (PDF)
- **#b:** 2019-20 Annual H-Tax Recommendations (PDF)

TO: HONORABLE STEVE BENJAMIN, MAYOR; COLUMBIA CITY COUNCIL;
TERESA WILSON, CITY MANAGER

FROM: DEE DEE FANNING

SUBJECT: ACCOMMODATIONS TAX GRANT COMMITTEE ANNUAL
RECOMMENDATIONS

DATE: JUNE 18, 2019

CC: ERIKA MOORE

City Council is asked to approve Fiscal Year 2019/2020 Accommodations Tax Grant Committee funding recommendations items 1&2:

- 1) Council approval of the A-Tax Committees intent to fund the City of Columbia's two tourist organizations: Columbia Metropolitan CVB 85%, and Capital City Lake Murray 15% (as listed in the attached spreadsheet.)
- 2) Council approval of any surplus A-Tax funds from 2018/2019 divided Columbia Metropolitan CVB 85%, and Capital City Lake Murray 15%

City Staff and A-Tax Committee Chair, Hal Stevenson will be prepared to answer any questions.



We Are Columbia

Accommodations Tax Committee Fiscal Year 2019-2020

Meeting held at The Championship Suite, 1624 Main Street, Columbia SC
Committee Minutes for May 14th, 2019

Accommodations Tax Grant Committee:

Edna Reese Langley

Raj Champaneri

Frank Cook

Sandra Sims

Shennice Cleckley

Hal Stevenson (Chair)

Joelle Ryan-Cook

City Staff: Dee Dee Fanning, Grants Coordinator/Community Projects Liaison

-Meeting called to order at 11:00 am.

-Discussion of A-Tax applications received and funding available for FY 19/20 (\$2,442,000)

-Presentation given by Capital City Lake Murray (Miriam Atria) 11:30am-12:00pm.

-Break for lunch 12:00pm-12:30pm.

-Presentation given by Columbia Metropolitan CVB (Bill Ellen, Jason Outman, Kelly Barbrey) 12:30pm-1:30pm.

-Committee discussed & motion passed recommending funding to the following entities:

1. Columbia Metropolitan CVB 85%: 2,075,700
2. Capital City Lake Murray Country 15%: 366,300
3. All other applications: Not Funded. The intent of Committee is to fund the City of Columbia's two tourist organizations: Experience Columbia, and Capital City Lake Murray.

-Committee discussed and motion passed recommending A-Tax surplus be distributed as follows: 85% to Columbia Metropolitan CVB, 15% to Capital City Lake Murray Country.

-The meeting was adjourned at 1:30 p.m.

Committee recommendations presented to City Council as appearing in the attached spreadsheet.

Accommodations Tax Grant Committee Recommendations FY 2019/2020

*The intent of the Committee is to fund the City of Columbia's two tourist organizations: Columbia Metropolitan CVB/Experience Columbia, and Capital City Lake Murray

	Organization	Project Name	A-tax Request FY 18/19	A-Tax Committee FY 18/19	A-Tax Council FY 18/19	A-Tax Total Received FY 18/19	A-tax Request FY 19/20	Committee Recommendations FY 19/20	Council Changes- Total/Final Funded FY 19/20
1	Capital City Lake Murray	Marketing & Promotion of Visitors Center	325,000	300,000	66,300	366,300	400,000	366,300	
2	Columbia Metropolitan CVB	Marketing Columbia	2,300,000	2,142,000	-66,300	2,075,700	2,300,000	2,075,700	
3	Black Pages International	Black Expo Empowerment Summit	60,000	0	0	0	50,000	0	
4	Columbia United FC	Soccer Tournaments	n/a	n/a	n/a	n/a	40,000	0	
5	Carolina Marathon Association	Governor's Cup Road Race	10,000	0	0	0	10,000	0	
			A-tax Request FY 18/19	A-Tax Committee FY 18/19	A-Tax Council FY 18/19	A-Tax Total Received FY 18/19	A-tax Request FY 19/20	Committee Recommendations FY 19/20	Council Changes- Total/Final Funded FY 19/20
A-Tax Totals			2,695,000	2,442,000	0	2,442,000	2,800,000	2,442,000	0

****Committee recommends Accommodations Tax surplus be distributed 85% to Columbia Metropolitan CVB and 15% to Capital City Lake Murray**

TO: HONORABLE STEVE BENJAMIN, MAYOR; COLUMBIA CITY COUNCIL;
TERESA WILSON, CITY MANAGER

FROM: DEE DEE FANNING

SUBJECT: HOSPITALITY TAX GRANT COMMITTEE ANNUAL
RECOMMENDATIONS, COUNCIL H-TAX LINE ITEMS

DATE: JUNE 11, 2019

CC: ERIKA MOORE

City Council is asked to approve Fiscal Year 2019/2020 Hospitality Tax Grant Committee funding recommendations/Council Line Items listed below 1-3:

- 1) Council approval of funding for "eligible expenditures", for the attached Committee funding recommendations, as listed in the attached H-Tax spreadsheet.
- 2) Council approval of individual Line Item request special project funding amounts as listed in the attached H-Tax Council Line Item spreadsheet.
- 3) Approval of reinstatement of funds for organizations requesting to carry forward their funding balance.

City Staff and H-Tax Committee Chair, Terry Davis will be prepared to answer any questions.

The committee budget for 2019-2020 was \$2,109,500, the same as 2018-2019.

After all interviews were completed, the committee conservatively allocated funding, based on H-Tax guidelines, applications, and interviews. The total allocated was \$2,127,000 or \$17,500 over Committee budget. Committee then made adjustments to stay within budget. Please note three groups which are usually funded (North Main Business Association, Eau Claire Neighborhood and Greenview Neighborhood) did not apply for funding. Had they applied and received awards from the committee, as is typical, the Committee would have been further over budget.

If the committee received a 1% increase in the budget, an extra \$21,095 would have enabled them to make the awards deemed appropriate. With a 2% increase, the additional \$42,190 would have permitted desired increases.

Based on committee allocations from 2018-19 to 2019-2020:

- 18 groups were given a slight increase;
- 7 groups were given a slight decrease;
- 8 new groups were awarded funds;
- 29 groups were "kept whole"

There will be a small amount of funds remaining that will go back into the Hospitality account.



We Are Columbia

Hospitality Tax Committee Meeting Fiscal Year 2019-2020

Held at Busby Community Center, 1735 Busby Street
Committee Minutes for May 16th, 17th, 23rd, & 24th, 2019

Hospitality Committee Members: Terry Davis (Chair), Chris Davis, Drew Hampton, Scott Smith, Rosa Daniels, Chad Elsey, Robert Williams, Matthew Bridges, Lajoia Broughton, Tiffany James, Joseph Kendrick, John Whitehead (Ex-Officio)

City Staff: Dee Dee Fanning, Grants Coordinator/Community Projects Liaison

Thursday, May 16th, 2019

-Meeting called to order at 8:30 a.m.

-Introduction & Committee Discussion: Introduction of new committee members. Committee unanimously voted on new Chair person, Terry Davis.

Overview of State, City, and Committee Hospitality Tax Grant Guidelines. Available Funding amount for committee recommendation fiscal year 19/20: \$2,109,500.00. This is the same amount as the previous year.

-First Day of Applicant Appointments before the Committee: Applicants appeared before the Committee in fifteen minute intervals (5 minutes to speak about the application/project, 5 minutes for any questions the committee may have.)

Committee broke for lunch at noon, afterwards resuming applicant appointments until the end of the day.

-Meeting adjourned at 5:00 pm and will resume Friday, May 17th at 8:30 am.

Friday, May 17th, 2019

-Meeting called to order at 8:30 a.m.

-Committee Discussion: Brief discussion of previous day applicant appointments and upcoming appointments for the day.

-Second Day of Applicant Appointments before the Committee: Applicants appeared before the Committee in fifteen minute intervals (5 minutes to speak about the application/project, 5 minutes for any questions the committee may have.)

Committee broke for lunch at noon, afterwards resuming applicant appointments until the end of the day.

-Meeting adjourned at 5:00 pm and will resume Thursday, May 23rd, at 8:30 am.



We Are Columbia

Hospitality Tax Committee Meeting Fiscal Year 2019-2020 (Continued)

Held at Busby Community Center, 1735 Busby Street
Committee Minutes for May 16th, 17th, 23rd, & 24th, 2019

Thursday, May 23rd, 2019

-Meeting called to order at 8:30 a.m.

-**Committee Discussion**: Brief discussion of previous day applicant appointments and upcoming appointments for the day.

-**Third Day of Applicant Appointments before the Committee**: Applicants appeared before the Committee in fifteen minute intervals (5 minutes to speak about the application/project, 5 minutes for any questions the committee may have.)

Committee broke for lunch at noon, afterwards resuming applicant appointments until the end of the day.

-Meeting adjourned at 5:00 pm and will resume Friday, May 24th, at 8:30 am.

Friday, May 24th, 2019

-Meeting called to order at 8:30 a.m.

-**Committee Discussion**: Each application was discussed and funding recommendations made in accordance to current State law, City Guidelines, and Committee policy.

-**Voting & Finalization of Committee Recommendations**: Committee voted to approve allocation amounts to be presented to City Council for consideration/approval.

-Meeting adjourned at 3:00 p.m.

Committee Recommendations presented to City Council as appearing in the attached spreadsheet.

Hospitality Tax Committee Recommendations FY 2019/2020

Spreadsheet Key:

*(FA) = Fiscal Agent

*Amounts in Red All or Partial Funding from City Council

*Highlighted Purple-Funded by City Council

*Highlighted Grey-Applied previous year, did not apply for 2019/20

*Highlighted Yellow-New Project

	Organization Name	Project	2018/19 H-Tax Request	2018/19 Committee Recommendations	2018/19 H-Tax Council	2018/19 H-Tax Total	2019/20 H-Tax Request	2019/20 Committee Recommendations	Committee Comments for Permanent Record
1	701 Center Contemporary Art	Events & Programs, Open Studios	110,000	74,000		74,000	110,000	74,000	Recommend keeping them whole; funding recommendation is for both applications, leaving it up to the board as to how they divide the funds for the eligible expenditures
2	701 Center Contemporary Art	Mill District Public Art Trail	50,000	Inclusive in figure above		Inclusive in figure above	50,000	Inclusive in figure above	see above
3	A to Zed	African Festival of Arts	n/a	n/a		n/a	30,000	5,000	Seed money recommended to a new group whose proposal shows viability and sustainability; would like to see the group work closely with Harambee and Black History Parade
4	Amateur Athletic Union	Speed Elite/Youth Indoor Track	n/a	n/a		n/a	37,310	0	Recommend working with Sports Council; will happen without H-Tax allocation
5	Animal Mission	Palmetto Peanut Boil	15,000	5,000		5,000	10,000	5,000	Family event in Devine Street area; community enrichment; recommend keeping them whole
6	Ann Brodie's Ballet	Season	50,000	45,000		45,000	50,000	45,000	Only non-professional ballet company in Columbia; due to limited allocation to committee, funding cannot be increased; attendees help to replenish the H-tax funding; they count on H-tax funds for sustainability; community enrichment project; recommend keeping them whole
7	Auntie Karen Foundation	Legends of...	50,000	7,000	18,000	25,000	50,000	10,000	Concert brings attendees who dine out and replenish H-Tax funds; committee recommends a slight increase but, due to limited allocation to committee, cannot give a larger increase; last year this event re-joined the H-Tax pool after an absence
8	Benedict College/Athletics Department	Classic & Championships	100,000	4,000		4,000	166,500	4,000	Part of this program is a homecoming, which committee does not fund; appears to be a recruitment event for Benedict; many people tailgate so they're not adding back to the H-tax funds; recommended allocation from H-tax shows city support for a community enrichment project
9	Benedict College (FA)	Harambee Festival	35,000	15,000		15,000	40,000	17,500	Waverly neighborhood event; recommend slight increase; due to committee funding limitations, can't increase further; excellent partnership with Benedict College
10	Black Pages	Black Expo	50,000	5,000	25,000	30,000	50,000	10,000	Event has grown tremendously over the years; recommend slight increase but believe event is self-sustaining; allocation recommendation shows city support for this economic development activity; could they get additional funding from Economic Development?
11	Capital City Shag Club	Shag Extravaganza-X	8,000	2,500		2,500	8,000	2,500	Event is group-specific and will go on with or without H-tax funding; funding amount granted to show city support
12	Carolina Carillon	Annual Holiday Parade	28,000	12,000		12,000	28,000	12,000	The City needs to support a holiday parade; visitors shop and dine in Columbia and add back to H-Tax funds
13	Carolina Marathon Assoc.	Governor's Cup Running Festival	10,000	0		-	10,000	0	Committee has traditionally voted to not recommend funds for any "runs"; while worthy endeavors that bring some visitors to the area, there are over 100 self-sustaining runs in Columbia each year
14	Carolina's Caribbean Culture	South Carolina Carnival	n/a	n/a		n/a	20,000	0	Not developed enough for seed money at this time; encourage further development for future application to showcase a diversity in the city population
15	Central Midlands Regional Transit Authority	Soda Cap Connector Service & Marketing	n/a	n/a		n/a	85,000	0	Application is for capital infrastructure rather than marketing/advertising; suggest Council consideration for capital project; should coordinate with Experience Columbia
16	Charitable Plate	Great American Whiskey Fair	n/a	n/a		n/a	15,000	2,500	Seed money recommended to new group whose proposal shows viability and sustainability

Hospitality Tax Committee Recommendations FY 2019/2020

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	Organization Name	Project	2018/19 H-Tax Request	2018/19 Committee Recommendations	2018/19 H-Tax Council	2018/19 H-Tax Total	2019/20 H-Tax Request	2019/20 Committee Recommendations	Committee Comments for Permanent Record
17	City Center Partnership	Main Street District- Clean & Safe, Placemaking Program	375,000	260,000		260,000	400,000	260,000	Vital to the success of the Main Street District; activities put funds back into H-tax account; recommend keeping them whole
X	City Year Inc.	City Year Columbia 30th Anniversary Celebration	20,000	0		-	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
18	Columbia Choral Society	Concert Performances	20,500	3,500		3,500	11,000	3,500	Good local music group that deserves city support; enriches the community
19	Columbia City Ballet	Performance Season	250,000	175,000		175,000	250,000	175,000	Premier professional ballet in Columbia; attendees help to replenish the H-tax funds; recommend keeping them whole
20	Columbia Classical Ballet	Marketing Tourism	200,000	125,000		125,000	214,000	125,000	Community enrichment outreach; recommend keeping them whole
21	Columbia Development Corporation	3 Rivers Art District-Multi Year							Organization request to withdraw from committee review
22	Columbia Development Corporation	Stormwater Studios Arts	n/a	n/a		n/a	15,000	5,000	Seed money recommended; programs bring people into the Vista who will dine out and help replenish H-tax funds; presentation clarified some confusion in the written application and explained the true nature of the project
23	Columbia Film Society	Indie Grits Film Festival	100,000	68,000		68,000	100,000	68,000	An H-tax success story; brings people to Columbia from throughout SC and from out of state; it's putting Columbia on the map internationally but needs H-Tax money for sustainability
24	Columbia International Festival	International Festival	75,000	23,000		23,000	75,000	23,000	There is not enough money in the committee allocation to increase funding; they have good attendance at the fairgrounds; suggest possible technology use to ease ticket purchasing lines
X	Columbia Marionette Theatre	Visiting Artist	6,000	4,500		4,500	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
25	Columbia Music Festival Assoc. (FA)	Hip-Hop Family Day	50,000	25,000	25,000	50,000	80,000	27,000	Another H-Tax success story; family-friendly event; we recommend a slight increase to recognize their efforts; encourage commitment to getting their 501C3 quickly
26	Columbia Stage Society/Town Theatre	Claiming our Future	300,000	0		-	300,000	0	No funding; capital campaign; refer to council
27	Columbia Stage Society/Town Theatre	Welcome to "Town"	55,000	15,000		15,000	55,000	15,000	Suggest keeping them whole; they're working hard/creatively to put money back into the H-Tax pool
28	Columbia Township Auditorium Foundation	Performance Series	100,000	55,000		55,000	100,000	60,000	Good public outreach; free loading dock concerts; bringing in acts that attract people from outside of Columbia; recommend slight increase
X	Columbia United FC	Capital Project	750,000	0		-	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
29	Columbia United FC	SC United FC	150,000	0		-	25,000	0	Suggest they work with Sports Council; it is a limited club event
30	Congaree Riverkeeper	River Rocks Festival	30,000	27,000		27,000	30,000	28,000	This is their only fundraiser and they bring in many tourists; recommend a slight increase; this event is a great opportunity to introduce people to our rivers
31	Congaree Vista Guild	Congaree Vista Guild	340,000	260,000	115,000	375,000	335,000	260,000	Recommend keeping them whole; vital to the success of the Vista; activities put money back into the H-tax account

Hospitality Tax Committee Recommendations FY 2019/2020

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	Organization Name	Project	2018/19 H-Tax Request	2018/19 Committee Recomm- endations	2018/19 H-Tax Council	2018/19 H-Tax Total	2019/20 H-Tax Request	2019/20 Committee Recomm- endations	Committee Comments for Permanent Record
32	Crossover Athletics	Run Hard Columbia Marathon	20,000	0		-	30,000	0	Committee has traditionally voted to not recommend funds for any "runs"; while worthy endeavors that bring some visitors to the area; there are over 100 self-sustaining runs in Columbia each year
33	Deckle Edge	Literary Festival	15,000	8,000		8,000	15,000	5,000	Suggest they work on growth of event in becoming a viable and sustainable literary festival; applaud partnership with Richland Library
34	Devine Street Assoc.	Assoc. Events/Marketing	100,000	50,000		50,000	100,000	50,000	Recommend keeping them whole; neighborhood gathering and visitor destination; working hard to bring spotlight to the Devine Street neighborhood and its restaurants and businesses; special events and activities that bring visitors
X	Divine Nine Foundation	Greek Explosion	14,980	0		-	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
X	Eau Claire Community Council	Eau Claire Unity Festival	49,500	13,500	20,000	33,500	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
35	Ensemble Eclectica	Around the World in 80 Minutes	n/a	n/a		n/a	16,750	3,000	Recommend seed money; a unique musical and arts experience; if they want to grow they will need to consider a different venue
X	Epitome, LLC	Columbia Career Connect Conference	16,000	0		-	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
36	F.U.N.D.S	Black History Parade & Festival	7,500	6,000		6,000	7,000	6,000	Recommend keeping them whole; event is in an area (MLK Park) that doesn't have a lot of H-Tax activities; connects Waverly and MLK Park neighborhoods; could have an interesting partnership with A-Zed
37	First Thursday on Main	First Thursday on Main	22,000	16,000		16,000	17,400	16,000	Recommend keeping them whole; event continues to grow and brings many people to restaurants and venues on Main St; showcases Main Street's pedestrian friendliness
38	Five Points Association	Five Points Association	521,150	230,000	75,000	305,000	395,000	230,000	Recommend keeping them whole; vital to the success of the Five Points village; activities put money back into the H-Tax account
39	Friends of Tapps Art Center	Cultural Entrepreneurship Incubator Program	30,000	7,000		7,000	50,000	8,000	They continue to add and adjust programming; starting to make a name for themselves; suggest slight increase; dependent on H-Tax support for sustainability
40	Girl Scouts of South Carolina	Helping Leadership guests discover Columbia	n/a	n/a		n/a	125,000	0	Project doesn't fit H-Tax guidelines as understood by the Committee; marketing will be to and for a specific group
X	Greater Columbia Convention/Visitors Bureau	National Collegiate Marching Band Championships	75,000	0	50,000	50,000	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
41	Greater Columbia Convention/Visitors Bureau	Regional Sports Marketing Campaign	250,000	80,000		80,000	200,000	70,000	Recommend slight reduction because of Committee's limited funding; allocation recommendation was increased last year because of March Madness activities; Committee is confused about the relationship between sports marketing and the CVB; should all marketing by CVB, including sports, be covered under the line-item funding to the CVB?
42	Greater Columbia Restaurant Assoc. (FA)	Restaurant Week Columbia	50,000	40,000		40,000	50,000	45,000	Recommend slight increase; their two programs are successful and put money straight into the H-Tax pool

Hospitality Tax Committee Recommendations FY 2019/2020

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*Highlighted Yellow-New Project

	Organization Name	Project	2018/19 H-Tax Request	2018/19 Committee Recomm- endations	2018/19 H-Tax Council	2018/19 H-Tax Total	2019/20 H-Tax Request	2019/20 Committee Recomm- endations	Committee Comments for Permanent Record
43	Greater Rosewood Assoc.	Rosewood Art & Music Festival	55,000	48,000		48,000	5,000	48,000	Recommend one allocation to cover both applications and their board can decide how to delegate funds; since the Crawfish Festival moved to the fairgrounds for financial and logistical reasons, Committee encourages the group to put efforts in the arts festival so the Rosewood neighborhood continues to have a neighborhood-specific event
44	Greater Rosewood Assoc.	Rosewood Crawfish Festival	Inclusive in figure above	Inclusive in figure above		-	45,000	Inclusive in figure above	see above
45	Greater Waverly Foundation	Greater Waverly Foundation	n/a	n/a		n/a	5,000	0	As described, this is a pageant and not eligible for H-Tax funds; we encourage the Waverly neighborhood to apply for an event which can be funded by H-Tax; recommend they seek mentorship from a seasoned H-Tax recipient
X	Greenview Reunion Foundation	Fountain of Youth Community Festival	69,735	0	25,000	25,000	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
46	Harbison Community Center	Marketing/Safety for Harbison	n/a	n/a		n/a	200,000	20,000	Committee is encouraged and delighted to see an application from the Harbison area; we recommend \$20,000 seed money to develop a viable marketing plan for the area as a visitor/tourist destination for shopping, dining and special neighborhood events and activities; to engage and involve the merchants, Committee suggests the establishment of a Merchants Association
47	Historic Columbia	Columbia City of Women	30,000	n/a	30,000	30,000	100,000	4,500	Seed money recommended to new group whose proposal shows viability and sustainability
48	Hollywood-Rose Hill Neighborhood Assoc.	Homes for Holidays Tour	6,000	3,000		3,000	6,000	1,500	Community enrichment program; good for them to have City recognition, but they would be sustainable without H-Tax funding
49	Hoop-ology	Basketball Camps/Clinics	30,000	11,000		11,000	12,000	11,500	Community enrichment; held in an underserved area
X	IT-ology	Innovation Weekend	0	n/a			Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
50	ISP	Student of the Game	n/a	n/a		n/a	15,000	4,000	Seed money recommended to new group whose proposal shows viability and sustainability
51	Jam Room Foundation	Jam Room Music Festival	90,000	37,500		37,500	90,000	37,500	Recommend keeping them whole; always well-attended and well-organized; free event; brings tourists to Columbia; they need H-Tax funding for sustainability
52	Jasper Project	Supper Table	n/a	n/a		n/a	10,000	0	Rotating exhibit; not fully developed and seems to be somewhat a duplication of Historic Columbia's City of Women; recommend they work with Historic Columbia City of Women
X	Keep the Midlands Beautiful	Welcome to Columbia Beautification Project	400,500	0	20,000	20,000	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
53	Language Buzz Foundation	Cinco De Mayo	20,000	2,000	10,000	12,000	20,000	2,500	Adds a community enrichment diversity into the Robert Mills Historic District; they're hoping to expand by adding a mercado (market) next year; recommend an increase
X	Love Yourself Always	Indigo Music Festival	25,000	2,500		2,500	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
X	Luthern Church Foundation	Columbia's Original Oktoberfest	10,000	2,500		2,500	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year

Hospitality Tax Committee Recommendations FY 2019/2020

Spreadsheet Key:

*(FA) = Fiscal Agent

*Amounts in Red All or Partial Funding from City Council

*Highlighted Purple-Funded by City Council

*Highlighted Grey-Applied previous year, did not apply for 2019/20

*Highlighted Yellow-New Project

	Organization Name	Project	2018/19 H-Tax Request	2018/19 Committee Recomm- endations	2018/19 H-Tax Council	2018/19 H-Tax Total	2019/20 H-Tax Request	2019/20 Committee Recomm- endations	Committee Comments for Permanent Record
X	Ngorli Inc.	Multicultural Gala	8,000	0		-	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
X	North Columbia Business	SC Cornbread Festival	75,000	10,000		10,000	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
X	Organization of African Unity	Africa Day Festival	38,000	4,000		4,000	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
54	Palmetto & Luna	Day of the Dead Festival at Five Points	15,000	6,000		6,000	15,000	7,000	Recommend a slight increase; they have had requests to set up their display and activities in two additional places, which they will honor after they have their traditional event in Five Points; community enrichment; they depend on H-Tax funding for sustainability
X	Palmetto AIDS	Suds & Grub/Motown Review (New Project)	5,000	0		-	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
55	Palmetto Capital Classic	Capital City Classic	50,000	15,000		15,000	35,000	15,000	Recommend keeping them whole; a popular event; community and neighborhood enrichment
56	Palmetto Concert Band	Season	3,300	2,500		2,500	3,300	2,500	Only professional concert band in Columbia; brings attendees who dine out and help replenish the H-Tax pool
57	Palmetto Mastersingers	Season	13,700	3,500		3,500	13,700	4,000	Increased slightly; they're expanding their offerings; committee commends this all-male choral group in hiring a well-known and respected female conductor
58	Palmetto Opera	Season	15,000	2,500		2,500	15,000	3,000	Increased slightly; they bring a professional opera company to Columbia; educational outreach through new programming; new momentum and direction
59	Patrons & Friends	1301 Series / Season	10,000	5,000		5,000	10,000	5,000	Recommend keeping them whole; creative use of historic venue; varied musical programs each year; free to the public
X	Pawmetto Lifeline	Pawmetto Tails and Ales	45,025	3,000		3,000	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
X	Pink & Green Community Foundation	Pink Ice Gala	25,000	0		-	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
60	Riverbanks Park	General Advertising	60,000	43,000		43,000	60,000	45,000	One of Columbia's main draws; increased slightly; Committee recognizes the zoo would continue to grow and attract tourists without H-Tax funding, but it shows City support
61	Sandlapper Singers	Concert Series	5,000	3,500		3,500	5,000	3,500	Unique choral ensemble that brings tourists to Columbia
62	Senator Isadore Lourie Senior Center	Lourie Center Events	16,625	9,000		9,000	15,725	9,000	Recommend keeping them whole; serves an underserved segment of the community; they're changing programming to more appropriately meet the needs of their constituents and the community in general
63	Senior Resources	Biscuits & Bluegrass	n/a	n/a		n/a	7,500	0	The Committee does not fund galas/parties; this event will go on without H-Tax funds
64	Serve and Connect	Knight of Honor	8,950	2,000		2,000	10,000	0	The Committee does not fund galas/parties; this event will go on without H-Tax funds
X	Shekinah Glory Family Care Center	Living the Legacy Festival	60,000	2,500		2,500	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year

Hospitality Tax Committee Recommendations FY 2019/2020

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	Organization Name	Project	2018/19 H-Tax Request	2018/19 Committee Recomm- endations	2018/19 H-Tax Council	2018/19 H-Tax Total	2019/20 H-Tax Request	2019/20 Committee Recomm- endations	Committee Comments for Permanent Record
X	SC College Pro AM LLC	WH	0	n/a		-			N/A-Organization/Project did not apply for the 2019/2020 fiscal year
65	South Carolina Hispanic Outreach	Main Street Latin Festival	80,500	20,000		20,000	60,000	20,000	Recommend keeping them whole; very popular and well-attended; showcases a diverse community; they could not have this event without H-Tax support for sustainability
66	South Carolina Pride Movement	SC Pride Festival and Parade	125,000	48,000		48,000	125,000	50,000	This is their 30th anniversary year; they bring in a tremendous number of people who stay in Columbia hotels and dine out in Columbia; recommend an increase for their 30th anniversary programming
67	South Carolina Shakespeare	Shakespeare in the Park	25,000	10,000		10,000	35,000	15,000	Excellent program; they're investigating moving to Earlewood Park; recommend slight increase to assist with their relocation or to expand artist outreach
68	South Carolina State Museum Foundation	Statewide Marketing Campaign	100,000	15,000	35,000	50,000	100,000	10,000	Huge Columbia draw; Committee increased recommendation last year to assist with eclipse marketing; reduced recommendation this year because of funding allocation to committee; committee also recognizes that the state museum is funded by state line item and would continue its excellent marketing without additional H-Tax funding
69	Southern Guitar Festival	Guitar Festival & Competition	7,000	6,000		6,000	7,000	6,000	Recommend keeping them whole; brings international artists and visitors; good partnership with Richland Library; they couldn't hold the event without H-Tax support for sustainability
70	Special Olympics SC	Summer Games	18,124	5,000		5,000	17,299	5,000	Recommend keeping them whole; an underserved population; well organized and attended; there are benefits for City sponsorship at Ft Jackson location
71	State Agricultural Society	SC State Fair	70,000	28,000		28,000	70,000	20,000	Commended for reaching out to the community for local participation; one of the premier state fairs in the country; they will be extremely successful without Committee H-Tax funding; recommend reduction so we can fund other events
72	Sustainable Midlands	Tasty Tomato Festival	12,000	11,000		11,000	45,000	11,000	Recommend keeping them whole; moving to Earlewood Park; working with North Columbia farms and with North Main Business Association; new leadership and direction
X	Tomlinson Alumni, Inc.	2226 Hampton-Black Heritage	150,000	0		-	Did not apply	n/a	N/A-Organization/Project did not apply for the 2019/2020 fiscal year
73	Trustus Theatre	Season	75,000	47,500		47,500	50,000	50,000	Recommend a slight increase; moving in the right direction toward better financial security; they still need H-Tax funding to remain viable and sustainable
74	USC Gamecock Club	USC Football Games	90,000	40,000		40,000	90,000	25,000	One of the largest membership organizations in the state; they will be extremely successful without committee H-Tax funding; recommend reduction so we can fund other events
75	Varna International Music Festival	Varna International Music Festival	n/a	n/a		n/a	25,000	withdrew	Organization withdrew Application
76	Workshop Theatre of South Carolina	Dinner and a Play	n/a	n/a		n/a	15,478	4,000	Getting re-organized; they now have a permanent location at Columbia College; recommend seed money; Committee eager to see developments with partnership at Columbia College
	TOTAL		6,441,089	2,109,500	448,000	2,557,500	5,093,962	2,109,500	

City Council Line Items:

	Organization Name	Project	2018/19 H-Tax Request	2018/19 Committee Recomm- endations	2018/19 H-Tax Council	2018/19 H-Tax Total	2019/20 H-Tax Request	2019/20 Council Recomm- endations	
77	Columbia Museum of Art	Operations/Tourism Marketing	737,590		716,107	716,107	737,590	716,107	City Council Line Item
78	Columbia Music Festival Assoc.	ArtSpace	250,000		245,000	245,000	250,000	245,000	City Council Line Item
79	EdVenture	CFXIDI	575,000		509,850	509,850	575,000	509,850	City Council Line Item
80	Famously Hot New Year	Famously Hot New Year	130,000		130,000	130,000	130,000	130,000	City Council Line Item
81	Historic Columbia	Home Tours	601,500		601,500	601,500	601,500	601,500	City Council Line Item
82	Historic Columbia	Our Story Matters	135,000		135,000	135,000	135,000	135,000	City Council Line Item
83	One Columbia	One Columbia	88,000		83,800	83,800	88,000	83,800	City Council Line Item
84	South Carolina Philharmonic	Season	100,000		100,000	100,000	100,000	100,000	City Council Line Item
	TOTAL		2,617,090		2,521,257	2,521,257	2,617,090	2,521,257	

Capital/Special Projects:

	Organization Name	Project	2018/19 H-Tax Request	2018/19 Committee Recomm- endations	2018/19 H-Tax Council	2018/19 H-Tax Total	2019/20 H-Tax Request	2019/20 Council Recomm- endations	Committee Comments for Permanent Record
X	Columbia Film Society	Capital Campaign ending 18/19	110,000		110,000	110,000	N/A	N/A	Year Five Ending 2018/2019; Capital Campaignx5: 110,000 each year for five years
85	Columbia Museum of Art	Capital Campaign Year Four of Five	250,000		250,000	250,000	250,000	250,000	Capital Campaign x 5: 100,000 yr one/two, 250,000 yr three/four, 300,000 yr five
86	Congaree Vista Guild	Clean & Safe			115,000	115,000			
87	Five Points	Clean & Safe			125,000	125,000			
88	Gateway to the Army	Capital Campaign Final Year	100,000		100,000	100,000	100,000	100,000	Capital Campaign x 3: 100,000 each year (final year 2019/2020)
89	Leisure Fun	Capital Campaign Final Year	16,000		16,000	16,000	16,000	16,000	Calendar for H-Tax Events
90	Mayor's Innovation Project		n/a		n/a	n/a	30,000	30,000	
91	Parks & Recreation		75,000		75,000	75,000	80,000	80,000	
92	River Alliance		26,000		26,000	26,000	26,000	26,000	
	TOTAL		577,000		817,000	817,000	502,000	502,000	



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Budget & Program Management

FROM: *Missy Caughman,*

SUBJECT: Finalized Revenue Options - Ms. Melisa Caughman, Budget & Program Management Director

FUNDING SOURCE & ORIGINAL BUDGET:

FOCUS AREAS: Innovative & High Quality Municipal Services



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Legal Department

FROM: *Shari Ardis, Legal Office Manager*

SUBJECT: Receipt of legal advice related to matters covered by attorney-client privilege pursuant to §30-4-70(a)(2)

PURPOSE: Accommodations Tax
Ban the Box
Soda City

**FUNDING SOURCE &
ORIGINAL BUDGET:**



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: City Clerk

FROM: *Erika Moore, City Clerk*

SUBJECT: Discussion of matters relating to proposed location or expansion of services to encourage location or expansion of industries or other businesses pursuant to S.C. Code §30-4-70(a)(2)

PURPOSE: Development Incentives
Finlay Park
Krumware

**FUNDING SOURCE &
ORIGINAL BUDGET:**

FOCUS AREAS: Economic Prosperity - Endless Possibilities



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: City Clerk

FROM: *Erika Moore, City Clerk*

SUBJECT: Discussion of negotiations incident to proposed contractual arrangements pursuant to S. C. Code §30-4-70(a)(2)

PURPOSE: Capital City Stadium

**FUNDING SOURCE &
ORIGINAL BUDGET:**



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: City Clerk

FROM: *Erika Moore, City Clerk*

SUBJECT: Discussion of the employment of an employee pursuant to §30-4-70(a)(1)

PURPOSE: Organizational Structure

FUNDING SOURCE & ORIGINAL BUDGET:

FOCUS AREAS: Attracting & Retaining Talent, Innovative & High Quality Municipal Services



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: City Clerk

FROM: *Erika Moore, City Clerk*

SUBJECT: Council is asked to approve the May 7, 2019 City Council Meeting Minutes.

FUNDING SOURCE & ORIGINAL BUDGET:

FOCUS AREAS: Innovative & High Quality Municipal Services

ATTACHMENTS:

- **#a:** MN_05_07_2019 (PDF)



COLUMBIA CITY COUNCIL MEETING MINUTES TUESDAY, MAY 7, 2019

WORK SESSION - 2:00 P.M.

The Columbia City Council conducted a Work Session on Tuesday, May 7, 2019 at City Hall, 1737 Main Street, Columbia, South Carolina 29201. The Honorable Mayor Stephen K. Benjamin called the meeting to order at 2:15 p.m. and the following members of Council were present: The Honorable Sam Davis, The Honorable Mayor Pro-Tempore Tameika Isaac Devine, The Honorable Moe Baddourah, The Honorable Howard E. Duvall, Jr., The Honorable Edward H. McDowell, Jr., and The Honorable Daniel J. Rickenmann. Also present were Ms. Teresa Wilson, City Manager and Ms. Erika D. Moore, City Clerk. This meeting was advertised in accordance to the South Carolina Freedom of Information Act.

INVOCATION

The Honorable Edward H. McDowell, Jr. offered the invocation.

FISCAL YEAR 2019/2020 BUDGET WORKSHOP

1. Columbia Water Update

- *Columbia Water Successes and Priorities - Mr. Clint Shealy, Assistant City Manager for Columbia Water; Mr. Joey Jaco, Utility Operations Director; and Ms. Dana Higgins, Engineering Director*

Mr. Clint Shealy, Assistant City Manager for Columbia Water said Ms. Wilson had the vision for Columbia Water and we implemented that in July 2017. We reorganized with an emphasis on customer service, transparency, and accountability. We split out Engineering and Utility Operations. We put an emphasis on customer care. We developed a communications group. A year ago, we brought public works into the fold and that synergy is working well, particularly with making repairs after we do a street cut. We've invested in a new facility for our customer care team. We've developed a customer advocate team to provide personalized attention. We are tracking key performance indicators. We are working hard to reduce the number of meters skipped. We are using technology to be efficient and effective. We are rolling out mobile Cityworks and updating our mapping. Through AMI, we will use technology to empower our staff and customers. We've invested in leadership development for our employees. Our focus is to fill key vacancies and to be efficient with our processes. Nobody is going to lose their job due to AMI efficiencies. We will assign them to a vacancy that already exists. He introduced Andrea Bolling as the Deputy Director of Engineering and Frank Eskridge as the Deputy Director of Utility Operations. Moving forward, we will be training our Customer Care staff on AMI. We are looking for another company



COLUMBIA CITY COUNCIL MEETING MINUTES TUESDAY, MAY 7, 2019

to provide our telephone payment system. We will be promoting the new MyColumbiaSC app; providing easy access to the status of work orders for staff; and developing a new contract process. We will be providing a monthly update to City Council.

Mr. Joey Jaco, Utility Operations Director explained that there are some large projects in our CIP that are in the planning and design phase and it's going to be difficult to get them across the finish line this year. We'd like to hold back on the construction aspect of those projects. Let's not put it in this year's request.

Ms. Teresa Wilson, City Manager said we are always conscious of single-digit increases versus double-digit increases. I am also conscious of projects getting done. We want to make sure that when you're asking for rate increases, that your constituents and customers are seeing what we are getting done each year and that there's a good balance.

Mr. Clint Shealy, Assistant City Manager for Columbia Water said when we looked at the CIP, there were some projects that we knew we were not ready to move forward with the construction. They are still going to be in design and bidding so why would we borrow the money in this year. We are asking for \$80 million this year. Every other year is still \$120 million for a five-year projection. Year six is \$120 million.

Mr. Joey Jaco, Utility Operations Director said we've implemented mobile Cityworks on the wastewater side and we're doing a lot of asset management. We are about to release an RFP for mapping the water system. We have over \$27 million worth of water quality projects either in design or construction today. The big four projects total over \$15 million for Booker Washington Heights, which was recently started; Earlewood is under construction; Covenant Road and Harrison Road is almost complete; and Lake Katherine was just bid.

Councilor Baddourah said there are still concerns with brown water in the Hollywood Rosehill Neighborhood. Are there future plans to line the pipes?

Mr. Joey Jaco, Utility Operations Director said we are doing some projects in-house for that area. The Rosewood and Shandon areas are in the planning stages. We've done some work already, but we're not finished in that area. There's a lot of construction going on at our Canal Plant. We are replacing vintage pumps and controls and improving the efficiency of our operation. The AMI contractor is in place and they've been doing the field recognition. Badger is the prime and the sub will do all of the installation. We have maps planned out. We will start dropping meters in June. Our goal is to have 25,000 meters installed by the end of this year. It is a three-year installation process. We're looking at areas that are difficult to access and areas that may be



COLUMBIA CITY COUNCIL MEETING MINUTES TUESDAY, MAY 7, 2019

difficult to install. We're not focusing on one area. The meter change-out is quick and there will be a short disruption of service at the meter. Every lid has to be changed on our meters. Regulatory compliance and water quality are our top priorities. As we do these projects, we are also improving fire protection. We also have to look at system expansion. We've been working hard with our consultants to evaluate the damage at the Columbia Canal and to explore all options for funding. We laid out a two-stage plan to FERC. We are looking at a temporary alternate supply to the river that reduces the risk we experienced in 2015. We will look at making that permanent in the second phase. Our CIP ask for water is \$25.5 million this year. We are focusing on water quality, distribution improvements, and hydraulic efficiency. Additional areas for water quality projects are Rosewood, Shandon, and Earlewood. We have a big project in the northeast, which is pushing more Lake Murray water into our system and resulting in better use of both plants. We are doing a lot of work to assess and rehabilitate our system. We are doing a lot of capacity enhancement work. We have 15 projects under design or construction to build capacity and reduce sanitary sewer overflows. We have twenty-six sewer pump stations that are under evaluation, design, or rehabilitation now. The Lake Katherine construction project has begun. This project will solve the sanitary sewer overflows and open the area back up for development. We hope to have all of the digesters back in use at the Wastewater Treatment Plant by the end of this year. Our Mill Creek Pump Station project provided additional capacity. The Innovista District infrastructure project allows for continued development.

Councilor Devine asked if the improvements that were done in the Innovista District are the ones that were contemplated when we discussed the TIF and is that everything that needs to be done.

Ms. Teresa Wilson, City Manager said I would think yes, but we probably need to look into that.

Mr. Joey Jaco, Utility Operations Director said we have other large sewer projects that cross some of those properties as well. By June 4, 2019, we intend to have the sewer use ordinance revisions in front of Council for approval. We've been working with DHEC and EPA for several years now. Our pretreatment ordinance is dated and the regulations have changed. We are updating our ordinance to accommodate those pretreatment regulation changes and to implement enforcement abilities when an industry may not be doing what they are supposed to be doing. The real change is for potential industries that may join our system. We have a pretreatment system and we have the ability to add an industry. The next four Consent Decree deliverables deal with the capacity of our system. The Infrastructure Rehabilitation Report is due to the EPA in November. We are five years in and we estimate that it will be a twelve to fifteen-year program. It has benefited us to have a program manager. To date, we've encumbered about \$300 million in funds that are directly associated with our Consent Decree. We are in good standing with the EPA. In 2015, we had a huge volume associated with SSOs. We have a downward trend associated with the volume. In the



**COLUMBIA CITY COUNCIL MEETING MINUTES
TUESDAY, MAY 7, 2019**

system we fared very well. At the treatment plant, we had an unintended bypass of partially treated sewage. Our priorities for wastewater include regulatory requirements, the Consent Decree, system rehabilitation, wastewater treatment plant improvements, and expansion. Our CIP ask this year is \$54.5 million.

Ms. Dana Higgins, Engineering Director said the 7th floor of Washington Square is the clearinghouse for plans that are submitted for water and sewer outside of City limits. We receive tap sells and new customers for meters. We've been coming out of our management positions and going into leadership meetings within our department to review our processes to see where we can improve. We are creating standard operating procedures. We've been meeting with the Building Industry Association (BIA). We've had success in updating our checklist to make sure the engineer submits complete plans when they come in. We've defined timelines and we're implementing quality control reviews. We are also moving to electronic permitting. We are having issues with the amount of workload for the Real Estate Division. We brought in more real estate agents and next fiscal year, we are looking for help with doing research for easements. We've brought in additional inspectors and project managers to help with all of our storm water projects. We are very proud of the Storm Water Green Bonds that were issued in 2018. We've been working on the Queen Street project in Old Shandon; the Marion Street bump outs; Penn Branch; \$3 million is consultant projects; and another million in pending with Yorkshire as well as the Whaley at Main to Gregg and Gervais that effects Constan Carwash. We finished MLK Park. We were able to maximize the usable space for park users and we created water quality and water quantity impact. It has been shaving the peak to Five Points. We completed the Wallace Street project in Cottontown. We spent \$3 million in storm water funds and \$3 million in water quality. We started the storm water inventory and condition assessment pilot project and we are gathering easement information. We are excited about our P3 low impact development project with Benedict College. We are working with the Office of Business Opportunities to create a program similar to the one done at the ballpark where we created sustainable jobs for people in the community.

Mr. Clint Shealy, Assistant City Manager for Columbia Water said we've won a few state and capital district awards. We've been recognized in the industry for safety initiatives. Yesterday, we celebrated removing the last piece of pipe out of the Lower Saluda River at Friarsgate. We thank you for encouraging us to think out of the box. These investments are paying off; they are helping the local community and our customers; and they are helping to protect the environment.



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- *Water and Sewer Rate Study - Mr. Robert Chambers, Black & Veatch*

Mr. Robert Chambers, Principal Consultant / Black & Veatch said the goal is a three-legged stool. The financial planning component provides an integrated financial plan and road map. You've been connected and you've taken action. Another part of that road map is business excellence. How do you continue to be operationally resilient? How can you react to an unintended consequence? A third leg of the stool is how you continue to be engaged with your stakeholders. How does growth effect the demand for your services? How do you implement your capital and operational programs in a sustainable manner? How do you maintain revenue stability and meet your financial metrics? We will show what the financial impact looks like going forward. You try to prevent implementing increases in lumps. I acknowledge that you have taken action to support the process and the system. The starting point for fiscal year 2019 revenues is \$140.4 million and that is our initial year. Our forecast period will start in fiscal year 2020 through 2024. We are assuming a 1% growth in customers and starting in fiscal year 2020, we estimate \$15.4 million in other revenue sources. We've estimated \$141.8 million for fiscal year 2020 with a 7.06% increase, which totals \$151.7 million for total revenues in fiscal year 2020 of \$167.2 million. It is a 9% aggregate increase. For the first budget year 2020, we are looking at an O&M requirement of \$92.3 million, which assumes a 4% annual growth. Debt service will start at \$37.5 million. We are taking a balanced approach to meeting the capital and operating requirements. In fiscal year 2020, we are looking at a \$80 million CIP and from 2021 to 2024, we are looking at \$120 million. Over the life of the forecast period, we are looking at 34% in cash financing; 64.5% in revenue bonds; and we have the West Columbia contribution. We are hitting our financial matrix. We have considered a few other revenue sources and we plan to issue bonds over the forecast period. In fiscal year 2020, we plan to issue \$149 million. Bond funding will not be utilized in fiscal year 2019. That requirement will be moved to fund those projects through a bond that will be tendered in fiscal year 2020. A reimbursement resolution will be put in place to reimburse the fund for the 2019 bonds. By 2024, revenues will be \$231 million. Costs will grow to \$107.9 by 2024. Debt service will incrementally increase to \$23.4 million.

Councilor Rickenmann asked if we need to maintain the 2.0 coverage.

Mr. Robert Chambers, Principal Consultant / Black & Veatch said the more you drive cash funding, the more risk and burden comes to the customer because there's a direct impact on your rates.

Councilor Baddourah asked if we've considered the reduction in capital expenses.



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Mr. Robert Chambers, Principal Consultant / Black & Veatch said operating expenses are going up about 4%. You have two components of revenues and they are not increasing at the same rate. In various utilities across the country, you have an agreed upon cost index that is utilized to increase rates and to increase costs in some cases. You're in an environment where your local economy is fluid. You're not going to have one rate that applies to your rates and your costs. You have different movements that we have to account for while developing a rate with the lowest potential impact and meeting your financial requirements.

Councilor Duvall asked if we were given credit for an increase in metered water that will occur from the new meters.

Mr. Jeff Palen, Assistant City Manager and Chief Financial Officer said these are projections and that's why we update the rate study each year. We take the actuals and move forward.

Councilor Baddourah said since we are taking a break to catch up on some of the CIP projects, maybe we should take a break on the rate increases.

Councilor Devine said the 9.7% increase we did this year could've been lower if we kept up with the increases.

Councilor Rickenmann said the costs don't change. The system did not take the twenty years of increases on an annual basis that it should have. We did not fund the system, because no one wanted to do an increase. When we get to the end of the Consent Decree, you will see it level out.

Mr. Robert Chambers, Principal Consultant / Black & Veatch said you may put it off today, but you will have to pay for it somehow. Looking at the bill impacts, your average use is about 6,000 gallons per month. It's a \$4.26 increase for the typical customer. On the water side, you are at the lower end of the middle in comparison to other utilities. On the wastewater side, you are in the middle of the pack.



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- *Fiscal Year 2019/2020 Water, Sewer, and Stormwater Budget Overview - Ms. Missy Caughman, Budget & Program Management Director*

Ms. Missy Caughman, Budget & Program Management Director said the fiscal year 2019/2020 water and sewer operating budget is proposed at \$167 million, which is an increase of 3.2%. This includes the rate adjustments that Robert [Chambers] talked to you about. The revenues go toward operations, capital obligations, and the debt service. The operational departments make up 58% of the budget; debt service is 23%; transfers to the Capital Improvement Program is 11%; and other transfers out, reserves, and other non-departmental make up 9% of the budget. Utility Operations makes up 69% and Engineering makes up 13% of the water and sewer operating fund. The operating budgets total \$93.3 million, which is an increase of less than 1%. Staffing challenges pertain to hiring and maintaining employees with CDLs. The biggest focus is on the AMI project; it touches multiple departments across the City. The budget reflects a proposed cost of living adjustment. Departments' budgets also reflect a 1% increase on State retirement rates. Healthcare is proposed at the current rates. The CIP is \$80 million: water is \$25.5 million and wastewater is \$54.4 million. The budget includes \$17.5 million in cash. The remainder comes from bonds and fund balance. Debt service is budgeted at \$37.5 million, which is a 6.5% increase. We budget a cash reserve at \$8.7 million. Transfers out total \$24.3 million including the \$17.5 cash transfer to the CIP. It's an overall decrease in transfers at \$3.5 million. It includes the indirect cost allocation to the general fund, which is maintained at \$4.1 million for the third year. The storm water operating budget includes a small portion of revenues from other fees. The total budget is \$14.3 million, which is an increase of 6.7% over the current year. It reflects the continuation of the rate adjustments that were adopted by City Council in 2017. The storm water fee will increase by seventy-eight cents per month. The CIP for 2019/2020 is \$30.5 million. It includes using \$1.7 million in budgeted cash from the storm water budget. The total CIP is \$96 million over five years. These budgets also reflect a cost of living adjustment for employees.

Ms. Teresa Wilson, City Manager said we do need to discuss adding revenue options as we continue with budget discussions. There have been discussions for multiple budget years regarding the strain on the general fund. This seated Council has been gracious and helpful with no tax increases, but also allowing the staff and myself to be as creative as possible with what we've been able to do particularly with public safety and public works and always maintaining this beautiful capital city in the posture that it should be and what our citizens deserve. During the NCAA tournament and the recent Go Red Day for Teachers, I heard such positive reflection on our City from visitors. We have come to a point in time where there has to be some discussion of revenue generating options in order to sustain the phenomenal growth we're seeing and the ability for City services to be maintained. We want to do a presentation openly to begin that discussion so that the public also knows this is certainly of some concern. Council may potentially support some options



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and maybe not others. There would be some legal background and additional discussion of each option that the City Attorney will discuss with you all in Executive Session. This part of the discussion is open and we'll go through these alternatives. We will lay the foundation for some of the general fund items, like Public Safety and others that are necessary for us to consider increased funding.

Ms. Missy Caughman, Budget & Program Management Director said the non-taxing entities in Columbia disproportionately shift their share of the property tax burden to taxable entities, residents, and commercial tax payers. Yet, all entities including non-tax entities receive the same share of services and benefits of being located in the City limits. Our current millage is 98.1% and that represents less than 20% of a property tax bill. Property taxes generate \$57 million in revenues for the general fund. We receive an additional \$11.8 million from the Fire Rebate millage that is set by the County. Public Safety functions account for almost 50% of our total budget. Personnel costs account for 64% of the total general fund. Even if salaries remained flat, other charges related to fringe benefits increase annually. We are limited by State law in terms of what we can do to generate revenues. What options are there for increasing the City's overall assessed property values in order to increase revenue off of the existing millage rates? How can the City increase property values or add to the overall tax base? How does the City generate revenues that covers the costs of operations and prepares the City for growth? How do we help distribute that burden of the taxes across all entities that benefit from the services that the City generates?

Mayor Benjamin asked if it's fair to say non-profits and governmental entities.

Ms. Missy Caughman, Budget & Program Management Director said we are inclusive of all.

Councilor Rickenmann said its \$3.4 billion that is not contributing in some form or another. There's \$68 million in tax-exempt homes. We should hire a private auditor to look into all of the entities. We've had discussions about certain facilities doing a lot of private business, but are under the cloth of a non-tax paying entity. You can't have a space that competes against the private sector and not have to pay your share of the property tax. That's not what the law was set up to do.

Mayor Benjamin said some governments probably receive more services than some of our tax payers do. It is also fair to reference that the millage rate has stood still for a decade, representing a decreasing portion of the tax bill. The discussion needs to be forward facing to our citizens, making sure they understand the totality of what we are dealing with.

Ms. Missy Caughman, Budget & Program Management Director said historically, the City has not raised taxes regularly. We were at 106 mills at one point.



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Councilor Rickenmann said we have to look at multiple options. We have to create a balance so that everybody is equally invested at some level.

Ms. Missy Caughman, Budget & Program Management Director said we also wanted to make sure we restated City Council's original direction to charge a fee to all non-taxed entities. Churches will be exempt with the exception of any business or non-religious type activities.

Councilor Davis asked if we are able to define that.

Ms. Missy Caughman, Budget & Program Management Director said the Business License Division has a way of doing that. This is your current year budget, not your proposed 2019/2020 budget. Property taxes make up 39% and business licenses and permits make up 28% in revenue. On the expenditures side, Public Safety is represented at 47%. This is a list of our final assessment values for the past 20 years. Our real property assessed values total \$565 million. It has fluctuated over the past five years, but we've had a 10% increase. Our millage rate is the same now as it was in 2009. There are 46,101 total parcels including Richland County's portion. There are 4,327 non-taxed parcels representing \$12.8 billion in total market value and with an estimated taxable value of \$8.6 billion. Here's a breakdown of the non-taxed parcels. Government makes up 32%; true non-profit agencies are at 10%; higher education is at 8%; and medical is 2%. There were 10,060 business licenses issued in 2018 of which, 5,992 were for businesses located in City limits and 3,801 businesses are not located in the City but they do business in the City. Of those 267 are non-profit or fee exempt. Approximately 107 are medical services, physician offices, and hospitals.

Councilor Duvall said we need the former business license for the 107 before they doubled up.

Ms. Teresa Wilson, City Manager said we would be getting \$2 million to \$3 million from businesses that should be paying a fee.

Ms. Missy Caughman, Budget & Program Management Director said fee options for non-profit entities include letters of agreement for services. It's a voluntary letter by those agencies to pay a fee in exchange for the services they receive as a benefit of being located in the City. The same would be true with a payment in lieu of taxes (PILOT) for higher education, hospitals, or medical services. A Business Improvement District was suggested for higher education districts. Staff is recommending charging a fee to business-type activities that currently receive a no-fee business license. It will require ordinance changes. The next one is the enhanced enforcement of existing business license ordinances. By using an outside firm to assist with collections, we could generate an estimated \$2 million. It would not require changes to our ordinances, rates, or fees. This is



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already included in the proposed 2019/2020 budget. A public safety fee would require an ordinance and a public hearing. It would be required to be used for new or enhanced services. We are tying it to enhanced technology and capital needs of Public Safety. The charge will be included on all water and sewer bills for in-city customers.

Councilor Rickenmann said that doesn't move the needle. It has to be done a different way. That \$5 fee a month doesn't create a balance. The majority of those people are paying already.

Ms. Missy Caughman, Budget & Program Management Director said the last option that was proposed was the water and sewer transfer. The amount would be subject to prior interest earnings and late fees. It would not come from operating revenues. The allocation would be used to fund public safety functions of the general fund. It would be subject to non-operating revenues. If considered, the fiscal year 2019/2020 non-operating revenues rate would be \$2 million to \$3 million.

Councilor Baddourah said another option would be to add a public safety fee at \$1 or \$2 per ticket for sporting events in the City limits. They don't pay us to police the crowd after a game and that could generate \$2 million.

Ms. Teresa Wilson, City Manager said this was a broad overview of the alternatives. We are laying the foundation for Public Safety. The Chief has information that he can share on competitiveness. As the capital city, it is necessary for us to stay competitive.

Mr. William "Skip" Holbrook, Columbia Police Chief said to be competitive we need to aim for a 3% to 5% vacancy rate. We need to align ourselves with agencies that we tend to lose people to. There is a \$3,000 to \$7,000 gap in compensation for entry level positions. To address that, it is a \$2.8 million increase in our proposed budget. That allows us to increase the entry level salary and address compression across the board. When we did the step pay adjustments a couple of years ago and incentivized recruiting, we also committed to assigning take home vehicles to people who live in the City limits. We are short of meeting that obligation by 22 vehicles. Here is a menu of some new and other reoccurring costs associated with our technology needs. The big one is for our cameras. ShotSpotter® has been phenomenal. We are constantly replacing our laptops and other electronic equipment in the cars. N.I.C.E. will improve efficiencies in our Criminal Investigations Division. Our commitment to in-car and body worn cameras require storage. We've had to adjust lab equipment to deal with the evolution in marijuana laws.

Councilor Rickenmann said a public safety fee or a PILOT is a fair way to create balance. Going to water and sewer is not the right thing to do.



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Councilor Davis said the information is good. We all have been looking at ways to cover the cost of services. I've always thought that we should do something about the non-profit entities. I understand one approach for doing the water and sewer transfer, but I'm not sure that's the way to go. This discussion should take us to where we need to be. Everybody participates; everybody pays. That's the best argument we can use once we come up with an approach that makes sense.

EXECUTIVE SESSION

Upon a motion made by Ms. Devine and seconded by Mr. Davis, Council voted unanimously to enter into Executive Session at 5:05 p.m. for the discussion of **Items 2 through 6**, subject to adding the discussion of FTA matters to Item 4 and organizational structure to Item 6.

2. Discussion of employment of an employee pursuant to S.C. Code §30-4-70(a)(2)
 - *Ban the Box*
 - *911 Communications Center*
3. Discussion of matters relating to proposed location or expansion of services to encourage location or expansion of industries or other businesses pursuant to S.C. Code §30-4-70(a)(2)
 - *Finlay Park*
 - *Development Incentives*
4. Receipt of legal advice related to matters covered by attorney-client privilege pursuant to §30-4-70(a)(2)
 - *Revenue Options*
 - *Soda City*
 - *Receptacle Requirements*
5. Discussion of negotiations incident to proposed contractual arrangements pursuant to S. C. Code §30-4-70(a)(2)
 - *Capital City Stadium*
6. Discussion of the appointment of an employee pursuant to §30-4-70(a)(1)
 - *Municipal Court Judges*



COLUMBIA CITY COUNCIL MEETING MINUTES TUESDAY, MAY 7, 2019

COUNCIL MEETING - 6:00 P.M.

The Columbia City Council conducted a meeting on Tuesday, May 7, 2019 at City Hall, 1737 Main Street, Columbia, South Carolina 29201. The Honorable Mayor Stephen K. Benjamin called the meeting to order at 6:15 p.m. and the following members of Council were present: The Honorable Sam Davis, The Honorable Mayor Pro-Tempore Tameika Isaac Devine, The Honorable Moe Baddourah, The Honorable Howard E. Duvall, Jr., and The Honorable Edward H. McDowell, Jr. The Honorable Daniel J. Rickenmann arrived at 6:45 p.m. Also present were Ms. Teresa Wilson, City Manager and Ms. Erika D. Moore, City Clerk. This meeting was advertised in accordance to the South Carolina Freedom of Information Act.

PLEDGE OF ALLEGIANCE

INVOCATION

The Honorable Edward H. McDowell, Jr. offered the invocation.

ADOPTION OF THE AGENDA

Upon a motion made by Mr. Davis and seconded by Mr. Baddourah, Council voted unanimously to adopt the agenda, subject to deferring consideration of Item 40 (*Ordinance No: 2019-027 – Receptacle Requirements*) and Item 46 (*Appointments to the Accommodations Tax Advisory Committee*); adding the discussion of Millwood Avenue Traffic Calming Measures to Other Matters; and adding the referral of the City of Columbia Speed Hump Installation Policy to the Public Safety Committee.

APPROVAL OF MINUTES

7. Council is asked to approve the March 19, 2019 City Council Meeting Minutes.

Upon a motion made by Mr. Baddourah and seconded by Ms. Devine, Council voted unanimously to approve the March 19, 2019 City Council Meeting Minutes.

CONSENT AGENDA ITEMS 8 THROUGH 26

Upon a single motion made by Mr. Baddourah and seconded by Ms. Devine, Council voted unanimously to approve the **Consent Agenda Items 8 through 26** as presented.



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8. Council is asked to approve a Memorandum of Understanding between the City of Columbia and the Midlands Junior Golf Foundation for the First Tee of Columbia Chapter at the James E. Clyburn Golf Center, as requested by the Parks and Recreation Department. - *Approved*

9. Council is asked to approve a three-year Contract for Auditing Services ending June 30, 2021, as requested by the Finance Department. Award to Scott and Company, LLC in an amount not to exceed \$141,975.00. This firm is located in Columbia, SC. - *Approved*

Funding Source: Accounting - Audit Costs 1011401-635600 \$70,987.50 and Finance Water Admin - Audit Costs 5511409-635600 \$70,987.50. The original budgeted amount for year one is \$141,975.00.

10. Council is asked to approve the purchase of Edge in Car Camera Systems for the Police Department, as requested by Fleet Services. Award to COBAN Technologies, using the HGAC Cooperative Contract in the amount of \$112,133.52. This vendor is located in Houston, TX. - *Approved*

Funding Source: Capital Replacement-Auto/Trucks Heavy Equipment-Capital: 6308972-658500. The original budgeted amount is \$112,133.52.

11. Council is asked to approve the purchase of twenty-two (22) Radios and Accessories to outfit vehicles for the Police Department, as requested by Fleet Services. Award to Motorola Inc., using the SC State Contract in the amount of \$122,510.36. This vendor is located in Blythewood, SC. - *Approved*

Funding Source: Capital Replacement-Auto Trucks Heavy Equipment/Capital 6308972-658500. The original budgeted amount is \$122,510.36.

12. Council is asked to approve an Agreement for Pictometry Aerial Image Capture License Services, as requested by the Information Technology Services Department. Award to Pictometry International Corporation as a Sole Source in the amount of \$105,538.25. This firm is located in Rochester, NY. - *Approved*

Funding Source: Information Technology/Geographic Information System: Maintenance & Service Contract, 5511121-638200. The original budgeted amount is \$105,538.25 for FY18/19.



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13. Council is asked to approve the purchase of one (1) Ford F-250 Crew Cab Truck and one (1) Ford F-250 Regular Cab Truck for the Parks & Recreation Department, as requested by Fleet Services. Award to Vic Bailey Ford Inc., using the SC State Contract in the amount of \$58,783.00. The vendor is located in Spartanburg, SC. - *Approved*

Funding Source: Capital Replacement-Auto Trucks Hvy Equipment-Capital: 6308972-658500. The original budgeted amount is \$58,783.00.

14. Council is asked to approve the purchase of two (2) F-350 Crew Cab Trucks with an enclosed Canopy for the Street Division, as requested by Fleet Services. Award to Dick Smith Ford, Inc. using the State Contract in the amount of \$94,536.00. The vendor is located in Columbia, SC. - *Approved*

Streets – Water & Sewer Repair; Auto, Trucks, Hvy-Equip-Capital 5513202 – 658500. The original budgeted amount is \$100,000.00.

15. Council is asked to approve the purchase of a Pothole Patcher for the Street Division, as requested by Fleet Services. Award to Carolina International Trucks, Inc. in the amount of \$182,626.38. This vendor is located in Columbia, SC. - *Approved*

Funding Source: Streets - Water & Sewer Repair - Auto, Trucks, Heavy Equipment Capital 5513202-658500. The original budgeted amount was \$182,626.38.

16. Council is asked to approve the purchase of three (3) Refuse Trucks for the Solid Waste Division, as requested by Fleet Services. Award to Dick Smith, Inc. using the SC State Contract in the amount of \$273,654.00. Dick Smith, Inc. is located in Columbia, SC. - *Approved*

Funding Source: Capital Replacement- Auto Trucks Hvy Equipment-Capital: 6308972-658500. The original budgeted amount is \$273,654.00.

17. Council is asked to approve a Construction Change Order# 9 for Project SS7253; Metro Wastewater Treatment Plant Anaerobic Digester Rehabilitation, as requested by Columbia Water. Award to M.B. Kahn Construction Co., Inc., a Local Business Enterprise in the amount of \$115,466.99. This firm is located in Columbia, SC. - *Approved*

Funding Source: 5529999-SS725302-658650 SS7253 Columbia Metro WWTP Anaerobic Digester Rehabilitation Project. The contract price including Construction Change Orders



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1 through 8 is \$22,223,679.59. With approval of this Construction Change Order increase for \$115,466.99, the revised awarded contract amount will be \$22,339,146.58. The original contract has sub-contractor services provided at \$5,860,677.00 (32%) of the contract value. The original budget amount for this change order is \$115,466.99.

18. Council is asked to approve Rebuilding of the Rotating Assembly for a Sharples DS706 Decanter Centrifuge, as requested by Columbia Water. Award to Alfa Laval, Inc., as a Sole Source in the amount of \$127,712.16. This firm is located in Chesapeake, VA. - *Approved*

Funding Source: Utilities Metro Wastewater Plant - Machinery & Equipment- Capital: 5516208-658300. The original budgeted amount is \$127,712.16.

19. Council is asked to approve Contract Amendment 3 for Project SS7362; Smith Branch 01 Sanitary Sewer Engineering Services, as requested by Columbia Water. Award to Weston and Sampson, in the amount of \$201,600.00. This firm is headquartered in Peabody, Massachusetts and has a local office in Columbia, SC. - *Approved*

Funding Source: 5529999-SS736201-658650 - The contract price including amendments 1 and 2 is \$1,548,105.00. With this contract amendment, the revised total is \$1,749,705.00. The original budgeted amount for this amendment is \$201,600.00.

20. Council is asked to approve project WM4401; Water Line Relocation for US 1 Bridge Replacement along Fontaine Road, as requested by Columbia Water. Award to the South Carolina Department of Transportation in the amount of \$275,474.00. - *Approved*

Funding Source: FY 18/19 CIP WM335519 - The original budget amount is \$275,474.00.

21. Council is asked to approve Contract Amendment #7 for Project SS685401; Engineering Services for Modeling and Evaluating the Sanitary Sewer System Piping and Pump Station to Support the Capacity Assurance Program, as requested by Columbia Water. Award to Hazen and Sawyer, in an amount not to exceed \$277,300.40. This firm is located in New York, NY with a local office in Columbia, SC. - *Approved*

Funding Source: for FY18-19 5529999-SS728801-658650. The contract price including Amendments 1 through 6 is \$ 2,749,452.00. With Amendment 7, the revised contract price will be \$ 3,026,752.40. The original budget amount for this Amendment is \$277,300.40.



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22. Ordinance No.: 2019-020 Granting an encroachment to Vincent J. Degenhart and Denice Degenhart for the use of the right of way area of the 400 block of Harden Street adjacent to 415 Harden Street, Richland County TMS #11311-03-08 for installation and maintenance of a masonry wall and aluminum gates – *First reading approval was given on April 2, 2019. - Approved on second reading.*
23. Ordinance No.: 2019-023 - Annexing 120 Sparkleberry Crossing Road, Richland County TMS# 25705-07-29 – *First reading approval was given on April 2, 2019. Approved on second reading.*

Council District: 4

Proposal: Annex, assign interim land use classification of Regional Activity Center (AC-3) and assign interim zoning of General Commercial District (C-3). The property is currently classified as Mixed Use Corridor and zoned General Commercial (GC) by Richland County.

Applicant: Sparkleberry Crossing Retail, LLC

Staff Recommendation: Annex, Assign Interim Land Use and Interim Zoning; Approve

PC Recommendation: 03/04/19: Annex, Assign Interim Land Use & Interim Zoning; Approve (7-0)

24. Resolution No.: R-2019-037 Authorizing consumption of beer and wine only at the South Carolina State Firefighters Association Fire-Rescue Street Party in the 800 and 900 blocks of Lincoln Street on Friday, June 28, 2019 - *Approved*
25. Resolution No.: R-2019-039 Authorizing consumption of beer and wine beverages only at the Soda City Friends Dinner on the Gervais Street Bridge on October 20, 2019 with a rain contingency date of October 27, 2019 - *Approved*
26. Resolution No.: R-2019-043 Authorizing consumption of beer and wine only within Boyd Plaza adjacent to the Columbia Museum of Art for CMA Jazz Concerts on Sundays, May 26, 2019, June 23, 2019 and September 22, 2019 - *Approved*
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**COLUMBIA CITY COUNCIL MEETING MINUTES
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PRESENTATIONS

27. Peace Officers Memorial Day Proclamation - The Honorable Mayor Stephen K. Benjamin

Mayor Benjamin and the members of City Council proclaimed Wednesday, May 15, 2019 as Peace Officers Memorial Day in the City of Columbia.

28. Drinking Water Week Proclamation - The Honorable Mayor Stephen K. Benjamin

Mayor Benjamin and the members of City Council proclaimed May 5-11, 2019 as Drinking Water Week in the City of Columbia.

29. National Preservation Month Proclamation -The Honorable Mayor Stephen K. Benjamin

Mayor Benjamin and the members of City Council proclaimed May 2019 as National Preservation Month in the City of Columbia.

Ms. Amy Moore, Principal Planner for the Planning and Development Services Department presented the 2019 Mabel Payne Historic Preservation Award to Mr. Robert Guild and Joe Weider as leaders of the Granby Mill Village Neighborhood.

30. National Bike Month and Bicycle Safety Month Proclamation - The Honorable Mayor Stephen K. Benjamin

Mayor Benjamin and the members of City Council proclaimed May 2019 as National Bike Month and Bicycle Safety Month in the City of Columbia.

31. Cardinal Newman Varsity Women's Basketball Team Day Proclamation - The Honorable Mayor Stephen K. Benjamin

Mayor Benjamin and the members of City Council proclaimed Tuesday, May 7, 2019 as Cardinal Newman Varsity Women's Basketball Team Day in the City of Columbia.

32. Cardinal Newman Varsity Men's Basketball Team Day Proclamation - The Honorable Mayor Stephen K. Benjamin

Mayor Benjamin and the members of City Council proclaimed Tuesday, May 7, 2019 as Cardinal Newman Varsity Men's Basketball Team Day in the City of Columbia.



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33. Midlands Fatherhood Coalition Update - Ms. Eleanor Boyd, MPA, Regional Development Director of the Midlands Fatherhood Coalition

Mr. Santanna Hayes, Richland County Site Director for the Midlands Fatherhood Coalition said in America today, there are approximately 19.7 million children being raised in a father absent home. Children who are raised without an active and engaged father are four times more likely to grow up in poverty; seven times more likely to become a teen parent; more likely to face abuse and neglect; more likely to suffer from obesity; two times more likely to drop out of high school; and more likely to commit crimes and go to prison. The Midlands Fatherhood Coalition works every day to address these issues by providing comprehensive fatherhood services. We believe that being in Columbia is an advantage. Last year, we served 1,183 fathers. We had an impact on 2,648 children. We know that strong fathers help to make strong families; strong families help to make strong communities; and strong communities ultimately create a stronger Columbia. We need support from the City of Columbia to make sure this organization is able to go forward and do the work we've been doing for years to come.

Mayor Benjamin said I don't believe there's a dollar better spent in this State than spent with the Midlands Fatherhood Coalition. You all do excellent work. Other counties have stepped up and supported the Coalition and I believe we as a City should as well.

Councilor Devine said I donated to the Coalition today through Midlands Gives in honor of the late Ford Mason. I will continue to support you.

34. Movers to Mom Partnership - The Honorable Mr. McDowell, Jr.

Councilor McDowell recalled the tragedy that caused 411 persons to be relocated out of their homes into new spaces. He reported that 269 families had to be relocated to nine separate hotels. We have 25 families housed in one hotel and 169 families have been relocated to permanent housing. We've tried to not forget those persons who had to turn over a new leaf. In a few days, we will celebrate Mother's Day. We are working with Two Men and a Truck to deliver Mother's Day gifts to our families who are still in hotels. We placed donation boxes in each City department to collect items that families can readily use when they are placed in permanent housing. On Saturday, May 11, 2019, we will be delivering love boxes to each mother.



We Are Columbia

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RESOLUTIONS

35. Resolution No.: R-2019-034 Approving the Honorary naming of the 2000 block of Marion Street between Elmwood Avenue and Calhoun Street "Modjeska Simkins Way" - *Approved*

Upon a motion made by Ms. Devine and seconded by Mr. Davis, Council voted unanimously to approve Resolution No.: R-2019-034 Approving the Honorary naming of the 2000 block of Marion Street between Elmwood Avenue and Calhoun Street "Modjeska Simkins Way".

36. Resolution No.: R-2019-040 Approving the Honorary naming of the 900 and 1000 blocks of Pine Street between Senate Street and Stark Street as "Beta Zeta Way" - *Approved*

Upon a motion made by Ms. Devine and seconded by Mayor Benjamin, Council voted unanimously to approve Resolution No.: R-2019-040 Approving the Honorary naming of the 900 and 1000 blocks of Pine Street between Senate Street and Stark Street as "Beta Zeta Way".

PUBLIC HEARING

37. Fiscal Year 2019-2020 Annual Action Plan for Community Development - Ms. Gloria Saeed, Director of Community Development - *Approved*

Ms. Gloria Saeed, Director of Community Development announced that the City of Columbia met timeliness last Thursday. She presented the fiscal year 2019/2020 draft annual action plan for the Community Development Department, which represents the 5th year of the 2015-2019 consolidated plan. This is the application for the United States Department of Housing and Urban Development entitlement grants and it identifies the proposed programs and projects to be funded. Working in collaboration with partners, neighborhoods, and community stakeholders, the action plan identifies how the City proposes to utilize these funds to address its community development, housing, and public service priorities and goals. Recommendations were ratified by the Citizens Advisory Committee on March 12, 2019. She thanked the committee members for their dedication to the NOFA process. There are three HUD entitlement programs: CDBG, HOME, and HOPWA. There's \$1,812,493 in CDBG revenue available for project activities, which is a 22.92% decrease from last year. Our HOME Investment Partnership Program has \$813,486 in revenue available for projects, which is a 6.24% decrease. There's \$1,475,403 in revenue available for HOPWA Program activities, which is an increase. The public comment period began on April 8, 2019 and ends May 7, 2019. The action plan submission is due to HUD by May 15, 2019.



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Council opened the Public Hearing at 7:21 p.m.

No one appeared in support of or in opposition to the Fiscal Year 2019-2020 Annual Action Plan.

Council closed the Public Hearing at 7:21 p.m.

Upon a motion made by Ms. Devine and seconded by Mr. Davis, Council voted unanimously to approve the Fiscal Year 2019-2020 Annual Action Plan for Community Development.

ORDINANCES - SECOND READING

38. Ordinance No.: 2019-012 Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 8, Environmental Health and Sanitation, Article IV, Pollution, Division 5, Regulations and Requirements Relating to Smoking of Tobacco Products, Sec. 8-215 Findings and intent, Sec. 8-216, Definitions, Sec. 8-217 Prohibition of smoking in the workplace; Sec. 8-218 Exceptions, Sec. 8-219 Reasonable distance of entry, Sec. 8-220 Jurisdiction, enforcement and penalties – *A public hearing was held on March 19, 2019. First reading approval was given on April 2, 2019. - Approved on second reading.*

Upon a motion made by Mr. Duvall and seconded by Mr. McDowell, Council voted unanimously to give second reading approval to Ordinance No.: 2019-012 Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 8, Environmental Health and Sanitation, Article IV, Pollution, Division 5, Regulations and Requirements Relating to Smoking of Tobacco Products, Sec. 8-215 Findings and intent, Sec. 8-216, Definitions, Sec. 8-217 Prohibition of smoking in the workplace; Sec. 8-218 Exceptions, Sec. 8-219 Reasonable distance of entry, Sec. 8-220 Jurisdiction, enforcement and penalties.

ORDINANCES - FIRST READING

39. Ordinance No.: 2019-025 Providing for the Issuance and Sale of City of Columbia, South Carolina, Special Obligation Bonds or Notes (Hospitality Fee Pledge), Series 2019, in an Aggregate Principal Amount of Not Exceeding \$4,200,000, in order to Finance the Acquisition, Renovation and Equipment of Certain Capital Projects; Authorizing the Mayor, the City Manager and the Assistant City Manager for Finance and Economic Services, or any two of them acting together, to determine Certain Matters with Respect to the Bonds or Notes; Prescribing the Form and Details of Such Bonds or Notes; and other matters relating thereto – *Approved on first reading.*



We Are Columbia

**COLUMBIA CITY COUNCIL MEETING MINUTES
TUESDAY, MAY 7, 2019**

Upon a motion made by Ms. Devine and seconded by Mr. Duvall, Council voted [6 to 1] to give first reading approval to Ordinance No.: 2019-025 Providing for the Issuance and Sale of City of Columbia, South Carolina, Special Obligation Bonds or Notes (Hospitality Fee Pledge), Series 2019, in an Aggregate Principal Amount of Not Exceeding \$4,200,000, in order to Finance the Acquisition, Renovation and Equipment of Certain Capital Projects; Authorizing the Mayor, the City Manager and the Assistant City Manager for Finance and Economic Services, or any two of them acting together, to determine Certain Matters with Respect to the Bonds or Notes; Prescribing the Form and Details of Such Bonds or Notes; and other matters relating thereto. Voting aye were Mr. Rickenmann, Mr. McDowell, Mr. Duvall, Ms. Devine, Mr. Davis and Mayor Benjamin. Mr. Baddourah voted nay.

40. Ordinance No.: 2019-027 Amend Sec. 19-35 Receptacle requirements; placement of receptacles – *Consideration of this item was deferred.*
41. Ordinance No.: 2019-033 Authorizing the City Manager to execute a Twelfth Amendment to Purchase Agreement between the City of Columbia and Bright-Meyers 2001 LLC for the sale of 5.97 +/-acres (Capital City Stadium), Richland County TMS #11204-02-02 - *Approved on first reading.*

Upon a motion made by Ms. Devine and seconded by Mr. Duvall, Council voted [5 to 2] to give first reading approval to Ordinance No.: 2019-033 Authorizing the City Manager to execute a Twelfth Amendment to Purchase Agreement between the City of Columbia and Bright-Meyers 2001 LLC for the sale of 5.97 +/-acres (Capital City Stadium), Richland County TMS #11204-02-02. Voting aye were Mr. McDowell, Mr. Duvall, Ms. Devine, Mr. Davis, and Mayor Benjamin. Voting nay were Mr. Rickenmann and Mr. Baddourah.

RESOLUTIONS

42. Resolution No.: R-2019-020 Authorizing Notice of 2019 Election for Councilmembers from District 2, District 3, and one At-Large Seat - *Approved*

Upon a motion made by Mr. Duvall and seconded by Mr. Baddourah, Council voted unanimously to approve Resolution No.: R-2019-020 Authorizing Notice of 2019 Election for Councilmembers from District 2, District 3, and one At-Large Seat.



**COLUMBIA CITY COUNCIL MEETING MINUTES
TUESDAY, MAY 7, 2019**

43. Resolution No.: R-2019-026 Authorizing the City Manager to execute a Purchase Agreement between the City of Columbia and Honolulu Rapid Transit Company, Limited now known as HRT Realty, LLC for the purchase of 1601 Assembly Street, Richland County TMS #09014-01-02 - *Approved*

Upon a motion made by Mr. Duvall and seconded by Mr. McDowell, Council voted [6 to 1] to approve Resolution No.: R-2019-026 Authorizing the City Manager to execute a Purchase Agreement between the City of Columbia and Honolulu Rapid Transit Company, Limited now known as HRT Realty, LLC for the purchase of 1601 Assembly Street, Richland County TMS #09014-01-02. Voting aye were Mr. Rickenmann, Mr. McDowell, Mr. Duvall, Ms. Devine, Mr. Davis and Mayor Benjamin. Mr. Baddourah voted nay.

44. Resolution No.: R-2019-038 Authorizing Condemnation for Easement Acquisition for Sanitary Sewer and Access along Property Identified 4632 Leila's Court; Richland County TMS#13913-05-19; CIP Project #SS7261; CF#250-378 (Easement 20A of 48) - *Approved*

Upon a motion made by Ms. Devine and seconded by Mr. Baddourah, Council voted unanimously to approve Resolution No.: R-2019-038 Authorizing Condemnation for Easement Acquisition for Sanitary Sewer and Access along Property Identified 4632 Leila's Court; Richland County TMS#13913-05-19; CIP Project #SS7261; CF#250-378 (Easement 20A of 48).

45. Resolution No.: R-2019-041 Authorizing the Purchase of approximately 11.64 acres on the western side of Gills Creek Parkway at Pelham Drive; Richland County TMS#13712-02-46 from Franklyn D. Owen, III, et al for a Stormwater Utility Site; CF#250-433 - *Approved*

Upon a motion made by Mr. Rickenmann and seconded by Mr. Baddourah, Council voted unanimously to approve Resolution No.: R-2019-041 Authorizing the Purchase of approximately 11.64 acres on the western side of Gills Creek Parkway at Pelham Drive; Richland County TMS#13712-02-46 from Franklyn D. Owen, III, et al for a Stormwater Utility Site; CF#250-433.

APPOINTMENTS

46. Accommodations Tax Advisory Committee - *Consideration of this item was deferred.*



**COLUMBIA CITY COUNCIL MEETING MINUTES
TUESDAY, MAY 7, 2019**

47. Board of Zoning Appeals

Upon a motion made by Ms. Devine and seconded by Mr. Baddourah, Council voted unanimously to approve the appointment of Ms. Gail Baker and Mr. John Gregory to the Board of Zoning Appeals for a term of three years.

48. Citizens Advisory Committee for Community Development

Upon a motion made by Mr. Baddourah and seconded by Ms. Devine, Council voted unanimously to approve the appointment of Ms. Wanda Cannon to the Citizens Advisory Committee for Community Development, as nominated by Mr. Baddourah. The remaining appointments were deferred.

49. Climate Protection Action Committee

Upon a motion made by Mr. McDowell and seconded by Mr. Baddourah, Council voted unanimously to approve the appointment of Ms. Lori Ziolkowski and the reappointment of Mr. John Epting and Mr. Louis Deassau to the Climate Protection Action Committee.

50. Food Policy Committee - *There was a consensus of Council to re-advertise these vacancies for seven days.*

OTHER MATTERS

51. Five Points Association Clean & Safe Program Funding Request- The Honorable Mr. Rickenmann

Upon a motion made by Mr. Rickenmann and seconded by Mr. Duvall, Council voted unanimously to allocate \$125,000 per year for five years to the Five Points Association for its Clean and Safe Program from a source to be identified by the City Manager. This allocation is effective July 1, 2019.

52. Black Expo Funding Request - The Honorable Ms. Devine

Upon a motion made by Ms. Devine and seconded by Mr. Davis, Council voted unanimously to allocate the \$25,000 that was previously discussed for the 2019 Black Expo from a source to be identified by the City Manager.



COLUMBIA CITY COUNCIL MEETING MINUTES TUESDAY, MAY 7, 2019

Councilor Devine said we need to resolve funding for the groups that aren't funded by the committee. We talked about a tier system. I'd like to have something set.

Councilor Baddourah said we should give the committee a percentage; allocate a percentage for line items; and a percentage for debt service.

Councilor Davis said we need to take a closer look at how and why decisions are made. We know that the smaller groups and not so popular groups get nothing. I am for looking at the tier.

Mayor Benjamin said the committee does yeoman's work. They do the vast majority of the work. Council should maintain some latitude to meet the important needs that we see. I'm always open for those discussions if it's something that recognizes staff recommendations, funding realities, input from Ms. Fanning and her committee, and others. I don't want anything from individual councilmembers.

53. Proposed Closure of the Vista Recycling Center - Mr. Robert Anderson, Public Works Director

Upon a motion made by Mr. McDowell and seconded by Mr. Rickenmann, Council voted unanimously to approve the proposed closure of the Vista Recycling Center. Staff was directed to provide commercial and residential stakeholders with a 30-day notice prior to closing the Vista Recycling Center.

Councilor Baddourah said SCDOT conducted a traffic study for Millwood Avenue and they came back with a proposal to install a hawk signal.

Mr. Robert Anderson, Public Works Director said the count for pedestrians warrant a hawk signal at that location. There are other proposals that will come later. They'd like to install the signal using parts they have. Once it's activated, we will assume maintenance responsibility through our agreement with SCDOT.

Upon a motion made by Mr. Baddourah and seconded by Mr. McDowell, Council voted unanimously to support the installation of a hawk signal on Millwood Avenue as soon as possible.

Councilor Devine asked that a letter be sent to Richland County outlining the City's support of traffic calming measures on Millwood Avenue.



**COLUMBIA CITY COUNCIL MEETING MINUTES
TUESDAY, MAY 7, 2019**

CONSIDERATION OF MATTERS DISCUSSED DURING THE WORK SESSION

No matters were considered at this time.

CITY COUNCIL COMMITTEE REPORTS/REFERRALS

Upon a motion made by Mr. Rickenmann and seconded by Mr. Baddourah, Council voted unanimously to refer the City of Columbia Speed Hump Installation Policy to the Public Safety Committee.

Upon a motion made by Mr. Duvall and seconded by Mr. Baddourah, Council voted unanimously to refer proposed revisions to the City's Noise Ordinance to the Public Safety Committee.

Upon a motion made by Mayor Benjamin and seconded by Mr. Rickenmann, Council voted unanimously to refer a review of State statues and a presentation on innovations and improvements on ride share services to the Public Safety Committee.

APPEARANCE OF THE PUBLIC

No one appeared at this time.

Upon a motion made by Ms. Devine and seconded by Mr. Davis, Council voted unanimously to reconvene the Executive Session at 8:00 p.m.

Council adjourned the meeting at 8:25 p.m.

Respectfully submitted by:

Erika D. Moore, CMC
City Clerk



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Procurement and Contracts

FROM: Sandra Wright, Purchasing Agent

SUBJECT: Council is asked to approve the purchase of Energov Software, as requested by Columbia Water. Award to Tyler Technologies, Inc., in the amount of \$116,813.00. This vendor is located in Duluth, GA.

REQUISITION NO.: R197983

FUNDING SOURCE & ORIGINAL BUDGET: Funding Source: Engineering - Software License; 5511706-627510. Engineering Water-System Improvements - Maintenance and Service Contracts; 5516220-638200. Engineering - Storm Water Improvements - Software License; 5534202-627510. Engineering Wastewater Systems Improvements, 5516221-636600. Engineering Water System Improvements - Professional Services; Engineering Administration - Professional Services; 5511701-636600. The original budgeted amount is \$116,813.00.

CLEAN WATER 2020?: No

FOCUS AREAS: Innovative & High Quality Municipal Services

Software	
Total Tyler Software	\$73,913.00
Total Tyler Services	\$27,300.00
Recurring Fees	\$15,600.00
PO Total	\$116,813.00

This request is to configure and implement the use of Energov for the Engineering Division of Columbia Water. The quote includes six (6) seats for Engineering and the Professional services required to implement e-Reviews on Energov.

Sec. 2-204. (7) - Competitive sealed bidding required; exceptions.
All city contracts shall be awarded by competitive sealed bidding except the following as

determined pursuant to definitions and standards set by regulations, or except as otherwise provided in this article: Procurement of information technology.

ATTACHMENTS:

- **#a:** Tyler Technologies Quote (PDF)



Quoted By: Andrew Meyer
 Date: 6/5/2019
 Quote Expiration: 8/1/2019
 Quote Name: City of Columbia-LGD-EG-eReviews
 Quote Number: 2018-62907
 Quote Description: New Eng. Users + EnerGov eReviews

Sales Quotation For

City of Columbia
 1136 Washington Street
 Columbia City Hall
 Columbia, SC 29217-0147
 Phone +1 (803) 545-3000

EnerGov Software

Description	License	Users/Units	Module Total	Year One Maintenance
Core Software:				
EnerGov Additional Comm Development Users	\$2,999.00	6	\$17,994.00	\$3,600.00
Extensions:				
EnerGov e-Reviews	\$59,999.00	1	\$59,999.00	\$12,000.00
Sub-Total:			\$77,993.00	\$15,600.00
Less Discount:			\$4,080.00	\$0.00
TOTAL:			\$73,913.00	\$15,600.00

EnerGov Professional Services

Description	Hours/Units	Unit Price	Extended Price	Year One Maintenance
Professional Implementation Services	96	\$175.00	\$16,800.00	\$0.00
Professional Training Services	32	\$175.00	\$5,600.00	\$0.00

EnerGov Professional Services

Description	Hours/Units	Unit Price	Extended Price	Year One Maintenance
Project Management Services	28	\$175.00	\$4,900.00	\$0.00
TOTAL:			\$27,300.00	\$0.00

Summary**One Time Fees****Recurring Fees**

Total Tyler Software	\$73,913.00	\$15,600.00
Total Tyler Services	\$27,300.00	\$0.00
Total 3rd Party Hardware, Software and Services	\$0.00	\$0.00
Summary Total	\$101,213.00	\$15,600.00
Contract Total	\$116,813.00	

Unless otherwise indicated in the contract or amendment thereto, pricing for optional items will be held for six (6) months from the Quote date or the Effective Date of the contract, whichever is later.

Customer Approval: _____

Date: _____

Print Name: _____

P.O. #: _____

All primary values quoted in US Dollars

EnerGov Discount Detail

Description	License	License Discount	License Net	Maintenance Basis	Year One Maintenance Discount	Year One Maintenance Net
EnerGov Additional Comm Development Users	\$17,994.00	\$1,080.00	\$16,914.00	\$3,600.00	\$0.00	\$3,600.00
EnerGov e-Reviews	\$59,999.00	\$3,000.00	\$56,999.00	\$12,000.00	\$0.00	\$12,000.00
TOTAL:	\$77,993.00	\$4,080.00	\$73,913.00	\$15,600.00	\$0.00	\$15,600.00

Comments

EnerGov e-Reviews requires Bluebeam Studio Prime, at an estimated yearly subscription cost of \$3,000/100 users. Further pricing detail is available by contacting Bluebeam at <https://www.bluebeam.com/solutions/studio-prime>

Software License fees and first year ASM charges are due and payable at Software delivery or Availability for Download. Renewals of ASM are billed annually in advance on the anniversary of delivery and each year thereafter. ASM charges are subject to price adjustments. Invoice terms are Net 30. Professional services are billable and invoiced monthly as consumed.

-Latest eReviews release available in EnerGov 2019x (released May 2019)

-Professional services currently represent an ESTIMATE. Scope/hours will change based on number of application types, automation items required by Engineering Dept

-Discount applied to bundled license purchase - eReviews plus new EnerGov Comm Dev users.



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Procurement and Contracts

FROM: Sandra Wright, Purchasing Agent

SUBJECT: Council is asked to approve the Purchase and Installation of Equipment for twenty (20) Chevrolet Tahoes for the Police Department, as requested by Fleet Services. Award to West Chatham Warning Devices, in the amount of \$180,340.10. This vendor is located in Lexington, SC.

REQUISITION NO.: R194716

FUNDING SOURCE & ORIGINAL BUDGET: Funding Source: Capital Replacement/Auto, Trucks, Hvy Equip, Capital; 6308972/658500. The original budgeted amount is \$200,000.00.

CLEAN WATER 2020?: No

FOCUS AREAS: Economic Prosperity - Endless Possibilities

One (1) vendor response was received for BID065-18-19-ECM Equipment and Installation for Chevrolet Tahoes.

Equipment and Installation	
Base Price	\$169,311.20
SC State Taxes	\$10,992.90
PO Total	\$180,304.10

Equipment and Installation for the twenty (20) Chevrolet Tahoe's is for the Police Department.

The Fleet Administrator recommends its approval.

ATTACHMENTS:

- **#a:** Chevy Tahoe Bid Tab for Equipment and Installation (PDF)
- **#b:** West Chatham Warning Devices (PDF)

Event Number	065-18-19-ECM	Organization	City of Columbia, SC
Event Title	Equipment and Installation for Chevrolet Ta	Workgroup	Purchasing
Event Description		Event Owner	Elizabeth Marsh
Event Type	IFBs	Email	elizabeth.marsh@columbiasc.gov
Issue Date	5/10/2019 04:20:00 PM (ET)	Phone	
Close Date	5/20/2019 12:00:00 PM (ET)	Fax	

Responding Supplier	City	State	Response Submitted	Lines Responded	Response Total
West Chatham Warning Devices	Savannah	GA	5/14/2019 02:38:59 PM (ET)	3	\$169,311.20

Please note: Lines Responded and Response Total only includes responses to specification. No alternate response data is included.

4-30-19

City of Columbia Bid # 06⁵~~7~~-18-19-ECM *DMJ*

West Chatham Warning Devices, Inc is in good standing with the City of Columbia. Our COC # is V009847.

Please accept our attached bid.

We are the current preferred installer for all of the City's emergency equipment and have been doing so successfully for the past 10 years.

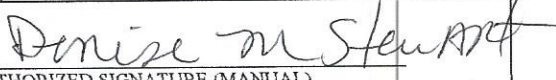
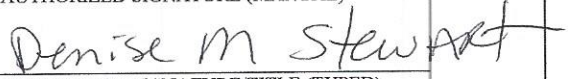
We have certified emergency installers working at our facility and we are located 10 miles from the city garage.

We look forward to our positive continued relationship.

Thank you,

Denise Stewart

DMStewart
Manager

Submit Responses Online using the City of Columbia's online bidding system, eBidcolumbiasc Phone Number: (803)545-3470		CITY OF COLUMBIA INVITATION TO BID BIDDER ACKNOWLEDGEMENT	
Date: April 26, 2019	Bids will be opened at 10:00 A.M. on 05/03/19 and may not be withdrawn within 60 days after such date and time.	<i>065 DM8</i> Bid No: 064-18-19-ECM	
Bid Title: Equipment and Installation for Chevrolet Tahoes		Reason For No Bid:	
Vendor Name:			
Vendor Mailing Address:			
City-State-Zip:			
Telephone No:			
Fax No:			
I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a bid for the same materials, supplies, or equipment, and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of the bid and certify that I am authorized to submit this bid. In submitting a bid to an agency of the City of Columbia, the bidder offers and agrees that if the bid is accepted, the bidder will convey, sell, assign or transfer to the City of Columbia all rights, title, interest in and to all causes of action it may now or hereafter acquire under the Anti-trust laws of the United States and the State of South Carolina for price fixing relating to the particular commodities or services purchased or acquired by the City of Columbia. At the discretion of the City of Columbia, such assignment shall be made and become effective at the time the purchasing agency tenders final payment to the bidder.			
		 AUTHORIZED SIGNATURE (MANUAL)  AUTHORIZED SIGNATURE/TITLE (TYPED) E-MAIL ADDRESS	
General Conditions			
Electronic Bids: All bids must be submitted using the eBidcolumbiasc System. Bids not submitted on the eBidcolumbiasc system may be rejected. All bids are subject to the conditions specified herein. Those which do not comply with these conditions are subject to rejection. 1. EXECUTION OF BID: Bid must be submitted online by an authorized representative. 2. NO BID: If not submitting a bid, respond by indicating no-bid using eBidcolumbiasc and explain the reason in the space provided for comments. 3. BID OPENING: Shall be public on the date and at the hour specified on the bid. It is the bidder's responsibility to assure that his bid is submitted. Bids which for any reason are not so submitted may not be considered. Offers by telegram or telephone are not acceptable. A bid may not be altered after the opening of the bids. NOTE: Bid tabulation will be posted online under the tabulations section of eBidcolumbiasc. Bid tabulations will not be provided by telephone. 4. PRICES, TERMS, & PAYMENT: Firm prices shall be bid and shall include all packing, handling and shipping or delivery charges. A. Discounts: Bidders may offer a cash discount for prompt payment. However, such discounts shall not be considered in determining the lowest net cost for bid evaluation purposes. Discount time will be computed from the date of satisfactory delivery at place of acceptance or from receipt of correct invoice at the office specified, whichever is later. B. Mistakes: Bidders are expected to examine the specifications, delivery schedule, bid prices and all instructions pertaining to supplies and services. Failure to do so will be at bidder's risk. In case of mistake in extension, the unit price will govern. C. Condition & Packaging: It is understood and agreed that any item offered or shipped as a result of this bid shall be new (current model at the time of this bid). All containers shall be suitable for storage or shipment, and all prices shall include standard commercial packaging. D. Safety Standards: Unless otherwise stipulated in the bid, all manufactured items and fabricated assemblies shall comply with applicable requirements of the Occupational Safety and Health Act, and any standards there under, as well as bearing Underwriters Laboratories (UL) labels where appropriate. E. Invoicing & Payment: The contractor shall be paid upon submission of properly certified invoices to the City of Columbia Accounting Division, P.O. Box 147, Columbia, S.C. 29217. At the prices stipulated on the contract at the time the order is placed, after delivery and acceptance of goods, less deductions if any, as provided, invoices shall contain the Contract Number and Purchase Order Number. The City of Columbia will not pay invoices submitted from a third party. Invoices shall be submitted by the company shown on the Purchase Order. 5. MANUFACTURER'S NAME & APPROVED EQUIVALENTS: Any manufactures names, trade names, brand names, information and/or catalogue numbers listed in a specification are for information and are not intended to limit competition. The bidder may offer any brand for which he is an authorized representative, which meets or exceeds the specification for any item(s). If bids are based on equivalent products, indicate on the bid form the manufacturer's name and number. Bidder shall submit with his bid, cuts, sketches and descriptive literature and/or complete specifications. Reference to literature submitted with a previous bid will not satisfy this provision. The bidder shall also explain in detail the reason(s) why the proposed equivalent will meet the specifications and not be considered an exception thereto. The City of Columbia reserves the right to determine acceptance of item(s) as an approved equivalent. Bids, which do not comply with these requirements, are subject to rejection. Bids lacking any written indication of intent to bid an alternate brand will be received and considered in complete compliance with the specifications as listed on the bid form. The Department of Procurement & Contracts is to be notified of any proposed changes in (a) materials used, (b) manufacturing process, or (c) construction. However, changes shall not be binding upon the City unless evidenced by a Change Notice issued and signed by the City Purchasing Agent.			

Bid No: 065-18-19-ECM Equipment and Installation for Chevrolet Tahoes

Page No: 6

DEPARTMENT OF PROCUREMENT AND CONTRACTS

**1800 MAIN STREET, 2nd Floor
COLUMBIA, S.C. 29201**

INVITATION FOR BID (IFB)

II. GENERAL INFORMATION

Sealed bids for **Equipment and Installation for twenty (20) 2019 Chevrolet Tahoes** are subject to the conditions, and all provisions, etc., set forth herein and attached, will be received electronically using eBidcolumbiasc until 12:00 P.M.(EST), May 20, 2019 then publicly opened and read.

The commodities and/or services must be furnished as described and specified, delivered to Fleet Services, 2910 Colonial Drive, Columbia, SC 29203.

Bid No. 065-18-19 ECM

By: Elizabeth C. Marsh, Senior Buyer
Elizabeth C. Marsh

**QUANTITIES/COMMODITIES,
OR SERVICES**

**UNIT PRICE
DOLLAR CENTS***

Lot 1-Installation for City provided equipment only
(Items #1-5)

\$ 10,000.00 *

Lot 2-Total Equipment Cost for Vendor provided
equipment only (Items #6-31)

\$ 137,411.20

Lot 3-Installation cost only for provided equipment
(Items #6-31)

\$ 21,900.00 *

*Price is to be entered onto eBidcolumbiasc at <https://columbiase.idonwave.net/Login.aspx>.
DO NOT include the sales tax in the price.

Award will be made by individual lots and/or total cost.

Bid No: 065-18-19-ECM Equipment and Installation for Chevrolet Tahoes

Page No: 8

GENERAL SPECIFICATIONS

The following items are needed for twenty (20) 2019 Chevrolet Tahoes. All items shall be new and current model.

Bidders must include copies of brochures or other appropriate descriptive materials with their bid, as applicable. Such materials must be clearly marked with a reference as to which items are being described. Bids without adequate information to determine exactly what is being offered may not be considered.

All equipment shall be furnished with all normal accessories, features and parts required to accomplish the intended use.

Installation is required for all of the equipment listed below. The City of Columbia will be providing equipment item numbers #1-5, only to be installed on the vehicles. Other equipment listed in this solicitation to be installed on vehicles will be provided through this solicitation, item numbers #6-31. All equipment must be completely installed, tested and delivered to the City of Columbia in good operating order. **A five (5) year warranty is required on the lights.**

The installation site must be local, no more than 50 miles from Fleet Services located at 2910 Colonial Drive, Columbia, SC 29203.

Lot #1

City Provided Equipment

Item No.	Equipment	Quantity	Equipment	Installation Cost
1	Two way radio- Motorola - APEX 6500	20	Equipment provided by the City of Columbia	2000. ⁰⁰
2	Coban camera system- monitor will be mounted in roof	20	Equipment provided by the City of Columbia	3000. ⁰⁰
3	Install Printers and Cables	20	Equipment Provided by the City of Columbia	1000. ⁰⁰
4	Utilities-Rocket System- wireless system in car	20	Equipment provided by the City of Columbia	3000. ⁰⁰
5	Body camera docking station	20	Equipment provided by the City of Columbia	1000. ⁰⁰
*Total Cost Installation Only for the City Provided Equipment for lines 1- 5: *Total must be submitted to eBidcolumbiasc and placed on Page 6 of this document Lot #1.				\$ 10,000.* ⁰⁰

Bid No: 065-18-19-ECM Equipment and Installation for Chevrolet Tahoes

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Lot #2

Vendor/ Bidder Provided Equipment

Item No.	Equipment	Quantity	Equipment Cost Only (Bidder Must Enter Info Below)
6	Lightbar 51" Federal Integrity Columbia Bar-Front modules duo-Blue/White-Rear modules single all blue with 2 Amber. LED TD, LED Alley, Cruise capable, Traffic Advisor Capable.	20	29,900.00
7	Mirror lights, Sound off - Blue - ENT2B3B	40	4800.00
8	Remote Whelen 200 Watt Dual Tone Siren 295SDA1	20	9500.00
9	100 Watt Siren (315p) with universal bracket. Mounted on push bumper (2 per vehicle)	20	4400.00
10	Whelen Ion T Series Linear duo-Blue/White part # TL12E 2 each side of bumper, 2 flush by tag.	80	5760.80
11	ION Wide Angle Blue part# WIONB 2 rear Cargo area, 2 Front facing mounted on bumper.	80	4600.00
12	Whelen Dominator 6 B/B/B/B/B and Mounting brackets	20	4837.60
13	Headlight Flasher Solid state (#SSFOSI6)	20	1140.00
14	Push Bumper Go-Rhino # 5165	20	5500.00
15	Havis C-VS-1300-TAH-2PM-inut-1, Havis 24" Console with Printer Mount	20	6632.40
16	Havis in console dual cup holder C-CUP2-1-A06	20	526.80
17	Havis side mount armrest(C-ARM-102)	20	865.80
18	Havis plate w/three 12vdc lighter(C-LP-3)	20	552.00
19	Havis universal side mount telescoping computer base, (C-HDM-303 & C-HDM-204)	20	2625.60
20	Havis Low Profile tilt/swivel motion device (C-MD-202)	20	1034.60
21	Havis 95wt dock power supply, (LPS-116)	20	2212.80
22	Console Microphone Clip (two per vehicle)	40	351.20
23	Adjustable mic clips (two per vehicle)	40	276.00

Bid No: 065-18-19-ECM Equipment and Installation for Chevrolet Tahoes

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24	Havis Charge Guard auto shut off timer,(CG-X)	20	1182.80
25	Setina 10VS-XL-U-TAH15 partition with sliding window and wire mesh	20	11,000.00
26	Proguard , (S5705T15) Seat(straight)w/steel barrier	20	16,184.00
27	Havis C-SBX-101 universal storage box	20	7514.80
28	Setina Dual Vertical Weapon System-Mount to Cage-Small Shot Lock, Remington 870, Universal XL Lock, AR 15	20	5580.00
29	Decals-Columbia New Design	20	7000.00
30	Dome Light (Red / White) Mounted on Rear Hatch	20	900.00
31	Blue LED Lights (left and Right) Mounted on Bottom of Flip up Tail Gate (2 per vehicle) Whelen (TLMIB)	40	2534.00
*Total Equipment Costs for lines 6- 31: *This total must be submitted to eBidcolumbiasc and placed on Page 6 of this document Lot #2.			\$ 137,411.20

Lot #3

Vendor/Bidder Installation Cost for
 Provided Equipment listed above in Lot #2

*Total Equipment Installation Costs for lines 6 - 31: *This total must be submitted to eBidcolumbiasc and placed on Page 6 of this document Lot #3.		\$ 21,900.00
--	--	--------------

Bid No: 062-18-19-ECM Equipment and Installation for Chevrolet Tahoes

Page No: 19

APPENDIX A

City of Columbia Qualification Statement - Local Business Enterprise (LBE)

By checking all boxes below, I certify that My Company meets all of the following qualifications to be eligible for the local vendor preference. I understand qualifications will be researched and verified by the Compliance Team. The City reserves the right to audit the company's qualifications for the local vendor preference as the City deems necessary and re-certify the company at least once every four years. A company must be certified PRIOR to bid openings. Please note that franchises do not qualify for LBE Preference, if the corporate office is not located within the Columbia-Orangeburg-Newberry CSA. *Items below with an asterisk require additional documentation that needs to be submitted along with the qualification statement.

☐ Is independently owned and operated (Ownership of a local business must be direct, independent, and by individuals and/or other businesses within the Columbia-Orangeburg-Newberry CSA. Company owner must provide document verification of local residency). *Please provide a copy of the owners driver's license.

☐ Is in good standing with State of South Carolina (LBE firm must be in good standing with the State of South Carolina regarding its payments of taxes and required business licenses). *If not registered with the Secretary of State please provide a copy of your Schedule C (Form 1040) to show sole proprietorship.

☐ Has a business license in one of the 8 counties making up the CSA jurisdiction. *Please provide a copy of your business license.

☐ Has at least one year of presence within the CSA Jurisdiction (LBE must have presence within any of the 8 CSA jurisdictions for at least one year prior to applying for LBE Certification issued by the City of Columbia).

8 CSA Jurisdictions include: Calhoun, Fairfield, Kershaw, Lexington, Newberry, Orangeburg, Richland and Saluda.

☐ Has at least 50% of employees residing within any of the 8 CSA jurisdictions. *Please provide a list of all owner/employee addresses - Names are optional, give street address, city, state & zip. Please include full-time, part-time, and contract employees.

☐ *Please provide a copy of your company's w-9.

Note: Term of certification: Certification is valid for a period of 4 years from issue date. 30 days prior to expiration the LBE firm may submit documentation to re-certify.

Company Name: West Chatham Warning Devices, Inc
Address: 131 Brookside Pkwy, SC 29012 Type of Products or Services: Emergency Equip Sales & Installation
Please self-identify ownership as one: Minority ☐ Women-owned ☐ Other ☒ (tracking purposes only)
Current Business License Number: 08302 County? Lexington
Phone Number: 803-520-6637 Email: denise@westchatham.com VOC Vendor # V009847

I certify with my signature below that all of the information given above is true and accurate to the best of my knowledge. I also recognize that by signing that any false information indicated above may lead to penalties or sanctions..

Owner's Name: Andrea Padgett (Print) A Padgett (Signature)

NOTARY - Sworn to before me this 1 day of May 2019

Notary Public for the State of South Carolina My Commission Expires: 11-9-2025

Notary Name: Zackary P. Denny (Print) Zackary P. Denny (Signature)

Please submit this **ORIGINAL** document to:
Office of Business Opportunities
Attn: LBE Administrator / Team
PO Box 147 / 1136 Washington Street, 5th Floor

Tel: (803) 545-3049
Fax: (803) 545-4130
Email: jnnelly@columbiasec.net or adriggers@columbiasec.net

☐ Qualified ☐ Not Qualified

(Compliance Authorized Signature)

(Date)

Revised Date 8/29/2017

Bid No: ^{5 018} 061-18-19-ECM Equipment and Installation for Chevrolet Tahoes
Page No: 20

APPENDIX B: NON-COLLUSION AFFIDAVIT

NON-COLLUSION AFFIDAVIT

State of South Carolina

County of Lexington)ss. being first duly sworn deposes and says that:

- (1) He is Denise Stewart of West Chatham, the Bidder that has submitted the attached Bid;
- (2) He is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;
- (3) Such Bid is genuine and is not a collusive or sham Bid;
- (4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affidavit, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham in connection with the Contract for which the attached Bid has been submitted or to retain from bidding in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of Columbia, S.C. or any person interested in the proposed Contract; and
- (5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affidavit.

(Signed)

Denise Stewart
MANAGER
(Title)

Subscribed and sworn to before me

this 30 day of April, 2019

Zackary Perry Denny
(Notary Public)

My commission expires 11-9-2025



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 Bid No: 061-18-19-ECM Equipment and Installation for Chevrolet Tahoes

Page No: 21

APPENDIX C: ORGANIZATIONAL CONFLICT OF INTEREST



ORGANIZATIONAL CONFLICT OF INTEREST STATEMENT

50m8
 BID061-18-19-ECM

Invitation for Bid

Equipment and Installation for Chevrolet Tahoes

The City is respectfully requesting information to ensure that any actual or potential Conflicts of Interest (COIs) are properly recorded, reviewed and addressed in a manner as deemed appropriate by the City. It is our goal to protect the integrity of the procurement process and to ensure that no unfair competitive advantages exists or existed during any stage of the process. The City, in its sole discretion, will take the steps required to neutralize, mitigate or to perform any other action to resolve any potential or actual conflict of interest if discovered during this discovery phase.

Some examples of COIs in an organization may include, but are not limited to the following:

- Unfair Advantage: Assisting or preparing the organization in crafting written specifications, scopes of work or statements of qualifications and subsequently responding to the solicitation.
- Potentially biased or impaired objectivity: Assisting the organization with evaluating or assessing the performance of products or services of other potential bidders and also submitting a response to the solicitation.
- Unequal access to information not shared with other potential bidders or respondents: Gaining access or pre-solicitation access to non-public information prior to official release (i.e. budget/funding information, procurement information, proposed evaluation criteria, prior award info obtained from the organization through non-FOIA means, etc.).

I, Denise Stewart (Offeror/Consultant), on behalf of myself and my company, and my subcontractors, if applicable, certify the following, under penalty of perjury, that to the best of my knowledge and belief:

1. No circumstances currently exist that create a Conflict of Interest in my performing the services required by the Solicitation to which I am responding or the Agreement to be signed if I am the successful Offeror in response to this Solicitation, and

5028
Bid No: 061-18-19-ECM Equipment and Installation for Chevrolet Tahoes

Page No: 22

2. I understand and acknowledge that my failure to disclose any affiliation or relationship that creates or may create a Conflict of Interest shall be deemed a material misrepresentation and sufficient reason for Offeror and Offeror's company to be disqualified, suspended, and/or excluded from participating in this and any future solicitation and procurements as well as removal from the City of Columbia vendor database. It may further result in termination of any contractual relationship with the City of Columbia and may be grounds for disciplinary action, up to and including debarment by the City, fines, penalties, imprisonment, or civil suit to be brought against Offeror or Offeror's company.
3. That to my knowledge, no employee or official of the City, nor any public agency or official affected by this Solicitation or the Agreement to be signed if I am the successful Offeror, has any pecuniary interest in the business of the Offeror's company or Offeror's subconsultant(s), nor does Offeror or Offeror's subconsultants have any interest that would conflict in any manner or degree with the performance related to this Solicitation or Agreement.
4. I warrant that I and my subconsultant(s), if any, have not employed or retained any company or person other than a bona fide employee working solely for the Offeror's company or subconsultant(s) in order to solicit or secure an agreement with the City of Columbia, as related to this Solicitation or any resulting Agreement, and that I and my subconsultant(s), if any, have not paid or agreed to pay any person, company, corporation, individual, or firm other than a bona fide employee working solely for the Offeror's company or Offeror's subconsultant(s) any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award of any Agreement.
5. I warrant and represent that my offer identifies and explains below any unfair competitive advantage I or my company or subconsultants may have in competing for the Agreement to result from this Solicitation and any actual or potential conflicts of interest that may arise from my participation in this Solicitation or my receipt of an award. I acknowledge that the City intends by this statement to identify any and all potential conflicts of interest and unfair competitive advantages held by any Offeror, to prevent the existence of conflicting roles that might bias a consultant's judgment, and prevent one Offeror or company from having an unfair competitive advantage over other Offerors. The City, in its sole discretion, has the authority and responsibility to determine whether or not a conflict of interest or unfair competitive advantage exists, after a review of the relevant facts. I acknowledge and understand that if I or my company has an unfair competitive advantage or a conflict of interest, the City may withhold the award of this Agreement. Before withholding award on these grounds, an Offeror will be notified of the concerns and provided a reasonable opportunity to respond. Efforts to avoid or mitigate such concerns, including restrictions on future activities, may be considered.
6. I have complied with the following:

"No questions (including Compliance Program related questions) may be directed to or contacts made with the Mayor, other members of City or County Council, the City Manager, other City staff not identified in this solicitation as points of contacts during the period of time that this solicitation is made public until the final selection is made, except

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Bid No: 062-18-19-ECM Equipment and Installation for Chevrolet Tahoes

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as otherwise provided for herein. Violation of this prohibition may disqualify the contractor and/or consulting firm from further consideration. Elizabeth Marsh is the Procurement/Contracting Officer for this solicitation.”

List any Actual or Potential Conflicts of Interest below or check the box below to certify that none exists. Failure to fully disclose information may result in penalties and/or sanctions as outlined in #2 above.

Please check only one box below.

☒ ☐ **No known actual or potential Conflicts of Interest are subject to disclosure.**

☐ ☐ **All identified actual or potential Conflicts of Interest and/or Unfair Competitive advantage(s) are stated below and submitted for further review by the City of Columbia, SC.**

7. I warrant that should I become aware of an actual or potential conflict of interest involving my company or subconsultants, if any, in performing the services under the Agreement or responding to this Solicitation, I will notify the City immediately. I also warrant that should I become aware of any competitive advantage that my company or subconsultants have in responding to this Solicitation or providing services under an Agreement related to this Solicitation, I will immediately notify the City of the discovery of a possible competitive advantage. I understand and acknowledge that this obligation to inform the City of the discovery of a conflict of interest or competitive advantage is a continuing obligation and extends throughout the Term of the Agreement for this procurement.
8. By signing this statement, I certify for myself and on behalf of my company and any of my subconsultants that I have and will comply with, and have not, and will not, induce a person to violate Title 8, Chapter 13 of the South Carolina Code of Laws, as amended (Ethics Act). I acknowledge and understand that the City may rescind any Agreement and recover all amounts expended as a result of any action taken in violation of this provision. If I or my company or subconsultants participate, directly

^{5 pms}
 Bid No: 067-18-19-ECM Equipment and Installation for Chevrolet Tahoes

Page No: 24

or indirectly, in the evaluation or award of public Agreements, including without limitation, change orders, or task orders regarding a public Agreement, I shall, if required by law to file such a statement, provide the statement required by Section 8-13-1150 to the Purchasing Agent at the same time the law required the statement to be filed.

9. Has anyone in your company been privy to any information regarding this solicitation prior to March 29, 2019? If so, please explain.

no

10. Prior to the solicitation release date on March 29, 2019, has anyone in your company attended any meetings, either internally or externally, where the above referenced solicitation was discussed either in whole or in part?

NO

Company Name: West Clatham Warning Devices, Inc

By: Denise Stewart

Print Name: Denise Stewart

Title: MANAGER

Date: 4-30-19

Subscribed and sworn to before me

this 30 day of April, 2019

Zackary Perry Denny [Signature]
 (Notary Public)

My commission expires 11-9-2025



Bid No: 06X-18-19-ECM Equipment and Installation for Chevrolet Tahoes
 Page No: 25

APPENDIX D: AFFIRMATIVE ACTION UTILIZATION GOALS

AFFIRMATIVE ACTION UTILIZATION GOALS

INCLUDING LABOR SURPLUS UTILIZATION PLAN

INSTRUCTIONS: This form must be submitted with any bid, proposal, or proposed negotiated contract or within a reasonable time thereafter, but prior to contract award. This Utilization Plan must contain a detailed description of the supplies and/or services to be provided by each certified Small, Minority and Women-owned Business Enterprise (SMWBE) under the contract. This form includes federally required Labor Surplus Utilization efforts. Attach additional sheets if necessary.

If you are a SBE, MBE WBE, or other type of disadvantaged business enterprise, please check one of the following boxes:

☐ SBE ☐ MBE ☐ WBE ☐ Other

1. In the spaces below, report the anticipated dollars that you intend to subcontract to each business type if a contract or agreement is awarded to your firm. (If you do not intend to subcontract any work to others, even if you are a S/M/WBE, put zeros in the spaces below).

Total SBE Participation Percentage to be subcontracted 0 %

Total MBE Participation Percentage to be subcontracted 0 %

Total WBE Participation Percentage to be subcontracted 0 %

Total Other DBE Participation Percentage to be subcontracted 0 %

2. If you are not a SBE, MBE, or WBE and you do not plan to utilize such firms in this agreement, please state your reasons and use an additional page if needed:

We do not use sub-contractors.

5 mg
 Bid No: **062-18-19-ECM Equipment and Installation for Chevrolet Tahoes**
 Page No: 26

LABOR SURPLUS UTILIZATION PLAN

In accordance with federal requirements, the City also encourages the use of firms located in labor Surplus areas. A Labor Surplus area is an area designated by the Secretary of Labor as having concentrated unemployment or underemployment in comparison with other areas. Used as one of the criteria for designating economically disadvantaged vendor/suppliers.

If your business is located in a labor surplus area,
 Please check here:

☐

Define the LSA here _____

The City anticipates that this effort will be continued to the maximum extent practicable throughout the life of the contract or agreement. Any changes or modification to the contract/ agreement will include, at a minimum the same proposed goals included in the negotiated agreement/contract.

The goals provided by the Successful Offeror shall be incorporated into the final contractual agreement between the parties or as amended through final contract negotiations.

By submitting this document, the respondent certifies he/she is an authorized representative of the company, understands and will comply with all requirements herein in any awarded action.

Denise Stewart

Print Name

Denise Stewart

Signature

*West Chatham Warning
 Devices, Inc*

Business Name

4-30-19

Date

Bid No: ⁵ 064-18-19-ECM Equipment and Installation for Chevrolet Tahoes

Page No: 27

APPENDIX E: BUSINESS INFORMATION RECORD FOR SUBCONTRACTORS

Business Information Record for Subconsultants/Subcontractors

The Bidder shall list all subcontractors and vendors, who will be providing subcontracting services, furnishing materials, etc. for this project. The list shall be submitted in the format provided below. Any proposed changes from the list shall be submitted in writing to the Owner prior to initiation of any action, with the reason for proposed changes.

Project: BID 039-18-19-Equipment and Installation for Chevrolet Tahoes

MUST BE TYPED AND REFLECT ONLY THOSE PROVIDING A SERVICE "NO LINE STRIKE THROUGH"

Business Name (as shown in SAM.gov) / Address / DUNS # & CAGE #	Contact Name & Telephone	Services and/or Materials Provided	Cost of Services and/or Material (\$ Value)	Percentage of Total Contract	MBE, WBE, SBE, DBE, LBE (indicate all that apply)	Is your Business CDBE Approved? Yes or No
				%		
				%		
				%		
				%		
				%		

TOTAL: \$ 0

I certify this information is true, correct, complete and active.

Business Name:

Representative Name / Title:

Date:

West Chatham Warning Devices, Inc
Denise Stewart, Manager
4-30-19



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Procurement and Contracts

FROM: Sandra Wright, Purchasing Agent

SUBJECT: Council is asked to approve a Contract Extension for Environmental Testing Services for Pre-treatment/Fats, Oils, and Grease (FOG) Aqueous Sample Matrix for the Metro Wastewater Treatment Plant, as requested by Columbia Water. Award to Rogers and Callcott in the amount of \$117,065.11. This firm is located in Columbia, SC.

FUNDING SOURCE & ORIGINAL BUDGET: Funding Source: 5516208-638300 Utilities Metro Wastewater Plant - Special Contracts. The original budgeted amount is \$213,000.00.

CLEAN WATER 2020?: No

FOCUS AREAS: Innovative & High Quality Municipal Services

The City of Columbia sought proposals via RFP013-17-18-MRM from qualified Contractors with experience and expertise in implementing Environmental Sample Collection and Testing. Rogers and Callcott of Greenville, SC has a local office in Columbia, SC and is recommended to provide pre-treatment and fats, oils and grease (FOG) testing services in the full amount of \$117,065.11.

Sampling for the Wastewater Treatment Plant and pre-treatment program is compliance based and must continue without interruption. Purchase Requisition R190462 was entered in the amount of \$4,900.00 and approved by the Department of Procurement and Contracts to cover the testing services needed until City Council approval was granted for the remaining award amount of \$112,165.11.

This request allows for exercising the option to renew the first of two contract renewals, ending on June 30, 2020.

Services performed will impact all City Council Districts. The Director of Utility Operations and Assistant City Manager for Columbia Water recommend its approval.

ATTACHMENTS:

- **#a:** Rogers & Callcott Extension Letter (PDF)



May 23, 2019

Ms. Anne Norris
Rogers & Callcott Environmental
PO Box 5655
Greenville, SC 29606

RE: Contract Extension, RFP013-17-18-MRM Environmental Testing

To Ms. Norris,

The initial awarded period on the above referenced contract expires on June 30, 2019. At this time, the City would like to use the first of two (2) additional one (1) year options extending this contract until June 30, 2020 at the current price.

Any contract entered into by the City resulting from this renewal request shall be subject to cancellation without damages or further obligation when funds are not appropriated or otherwise made available to support the continuation of performance in any fiscal period.

This extension is subject to the approval by the City Manager, City Council for the City of Columbia and/or their authorized designee. If awarded, the maximum amount allowed for the renewal period shall not exceed \$117,105.11.

Please annotate on the bottom of this letter, with your signature and date, as to whether you are interested or not in extending the contract until June 30, 2020 with all terms and conditions to remain the same during this extension.

Also, please sign in blue ink, scan and email a copy of this signed letter back to our office no later than 5:00 PM on Monday, May 29, 2019. In addition, please mail the original signed version of this letter back to me while retaining a copy for your files.

I look forward to hearing your response.

Anita Higgins
Anita Higgins, Buyer

Department of Procurement and Contracts
1800 Main Street, 2nd Floor
Columbia, SC 29201
Phone: 803-545-3470 Fax: 803-733-8408

I agree to extend the current contract (RFP013-17-18) for twelve (12) additional months from July 1, 2019 to June 30, 2020. All other terms and conditions as outlined in RFP013-17-18 are applicable, fully enforceable and will remain unchanged.

☒ Yes ☐ No

Anne Norris 05/24/19
Signature/ Date

Anne Norris, VP Lab Operations
Printed Name of Signer/ Title
Rogers & Callcott

Comments: _____

Sandra A. Wright
Sandra A. Wright
Purchasing Agent Signature

6/5/19
Date

Teresa B. Wilson
City Manager Signature

Date

APPROVED AS TO FORM
[Signature]
Legal Department City of Columbia, SC

Department of Procurement and Contracts
1800 Main Street, 2nd Floor
Columbia, SC 29201
Phone: 803-545-3470 Fax: 803-733-8408



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Procurement and Contracts

FROM: Sandra Wright, Purchasing Agent

SUBJECT: Council is asked to approve Contract Extensions for Water and Wastewater Chemicals and Magnesium Hydroxide, as requested by Columbia Water. Award to the lowest bidders of each lot, in the amount of \$1,679,968.00.

PURPOSE:

FUNDING SOURCE & ORIGINAL BUDGET: Funding Sources: Utilities Lake Murray WTP- Chemicals: 5516207-624800, Utilities Columbia Canal WTP- Chemicals: 5516206-624800, Utilities Metro Wastewater Plant - Chemicals: 5516208-624800. The original budgeted amount for this renewal is \$1,679,968.00.

CLEAN WATER 2020?: No

FOCUS AREAS: Innovative & High Quality Municipal Services

Council is asked to approve the three (3) month renewal letters from July 1, 2019 - September 30, 2019 contract extensions for the purchase of Chemicals from BID 047-14-15, BID 024-15-16, BID 004-17-18, and BID 006-18-19 and Magnesium Hydroxide from BID 013-15-16.

ATTACHMENTS:

- **#a:** FY 19/20 Chemical Extension Letters (PDF)



We Are Columbia

May 17, 2019

Polydyne, Inc.
1 Chemical Plant Road
Riceboro, GA 31323

RE: Contract Extension, BID047-14-15

To Mr. Rockett,

The current awarded period on the above referenced contract expires on June 30, 2019. At this time, the City would like to extend this contract until September 30, 2019 at the price of \$2,100.00 per ton of Polymer.

Any contract entered into by the City resulting from this renewal request shall be subject to cancellation without damages or further obligation when funds are not appropriated or otherwise made available to support the continuation of performance in any fiscal period.

This extension is subject to the approval by the City Manager, City Council for the City of Columbia and/or their authorized designee. If awarded, the maximum amount allowed for the renewal period shall not exceed the total amount approved and listed on the subsequent Purchase Order without prior approval from the City's Department of Procurement & Contracts.

Please annotate on the bottom of this letter, with your signature and date, as to whether you are interested or not in extending the contract for 3 additional months with all terms and conditions to remain the same during this extension.

Also, please sign in blue ink, scan and email a copy of this signed letter back to our office no later than 5:00 PM on Monday, May 20, 2019. In addition, please mail the original signed version of this letter back to me while retaining a copy for your files.

I look forward to hearing your response.

La'Toyia T. Davis
La'Toyia T. Davis, Buyer

Department of Procurement and Contracts
1800 Main Street, 2nd Floor
Columbia, SC 29201
Phone: 803-545-3470 Fax: 803-758-1013

I agree to extend the current contract (BID 047-14-15) for three (3) additional months from July 1, 2019 to September 30, 2019. All other terms and conditions as outlined in BID 047-14-15 are applicable, fully enforceable and will remain unchanged.

_____ Yes _____ No

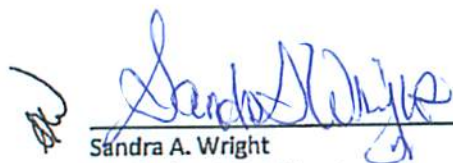


Signature/ Date

Boyd Stanley, Vice-President

Printed Name of Signer/ Title

Comments: _____



Sandra A. Wright
Purchasing Agent Signature

6/5/19
Date

Teresa B. Wilson
City Manager Signature

Date

APPROVED AS TO FORM

Legal Department City of Columbia, SC

Department of Procurement and Contracts
1800 Main Street, 2nd Floor
Columbia, SC 29201
Phone: 803-545-3470 Fax: 803-758-1013



We Are Columbia

May 17, 2019

Cobat Norit Americas Inc.
3200 University Avenue
Marshall, TX 75670

RE: Contract Extension, BID047-14-15

To Ms. Lewis,

The current awarded period on the above referenced contract expires on June 30, 2019. At this time, the City would like to extend this contract until September 30, 2019 at the price of \$1,240.00 per ton of Carbon.

Any contract entered into by the City resulting from this renewal request shall be subject to cancellation without damages or further obligation when funds are not appropriated or otherwise made available to support the continuation of performance in any fiscal period.

This extension is subject to the approval by the City Manager, City Council for the City of Columbia and/or their authorized designee. If awarded, the maximum amount allowed for the renewal period shall not exceed the total amount approved and listed on the subsequent Purchase Order without prior approval from the City's Department of Procurement & Contracts.

Please annotate on the bottom of this letter, with your signature and date, as to whether you are interested or not in extending the contract for 3 additional months with all terms and conditions to remain the same during this extension.

Also, please sign in blue ink, scan and email a copy of this signed letter back to our office no later than 5:00 PM on Monday, May 20, 2019. In addition, please mail the original signed version of this letter back to me while retaining a copy for your files.

I look forward to hearing your response.

La'Toyia T. Davis

La'Toyia T. Davis, Buyer

Department of Procurement and Contracts
1800 Main Street, 2nd Floor
Columbia, SC 29201
Phone: 803-545-3470 Fax: 803-758-1013

I agree to extend the current contract (BID 047-14-15) for three (3) additional months from July 1, 2019 to September 30, 2019. All other terms and conditions as outlined in BID 047-14-15 are applicable, fully enforceable and will remain unchanged.

☒ Yes ☐ No


Signature/Date

Amber Lewis
Printed Name of Signer/ Title
Inside Sales

Comments: _____


Sandra A. Wright
Purchasing Agent Signature

6/15/19
Date

Teresa B. Wilson
City Manager Signature

Date

APPROVED AS TO FORM

Legal Department, City of Columbia, SC

Department of Procurement and Contracts
1800 Main Street, 2nd Floor
Columbia, SC 29201
Phone: 803-545-3470 Fax: 803-758-1013



May 17, 2019

Southern States Chemical, Inc.
P.O. Box 546
Savannah, GA 31402

RE: Contract Extension, BID024-15-16

To Mr. Smith,

The current awarded period on the above referenced contract expires on June 30, 2019. At this time, the City would like to extend this contract until September 30, 2019 at the price of \$0.105 per pound of Liquid Sulfuric Acid 78%.

Any contract entered into by the City resulting from this renewal request shall be subject to cancellation without damages or further obligation when funds are not appropriated or otherwise made available to support the continuation of performance in any fiscal period.

This extension is subject to the approval by the City Manager, City Council for the City of Columbia and/or their authorized designee. If awarded, the maximum amount allowed for the renewal period shall not exceed the total amount approved and listed on the subsequent Purchase Order without prior approval from the City's Department of Procurement & Contracts.

Please annotate on the bottom of this letter, with your signature and date, as to whether you are interested or not in extending the contract for 3 additional months with all terms and conditions to remain the same during this extension.

Also, please sign in blue ink, scan and email a copy of this signed letter back to our office no later than 5:00 PM on Monday, May 20, 2019. In addition, please mail the original signed version of this letter back to me while retaining a copy for your files.

I look forward to hearing your response.

La'Toyia T. Davis
La'Toyia T. Davis, Buyer

Department of Procurement and Contracts
1800 Main Street, 2nd Floor
Columbia, SC 29201
Phone: 803-545-3470 Fax: 803-758-1013

I agree to extend the current contract (BID 024-15-16) for three (3) additional months from July 1, 2019 to September 30, 2019. All other terms and conditions as outlined in BID 024-15-16 are applicable, fully enforceable and will remain unchanged.

X Yes _____ No

Justin D. Smith / 5/20/19 Justin D. Smith / Southeast Sales
Signature/ Date Printed Name of Signer/ Title

Comments: Southern States Chemical would be
pleased to discuss a longer extension if
of interest.

Sandra A. Wright 6/5/19
Purchasing Agent Signature Date

Teresa B. Wilson
City Manager Signature

Date

APPROVED AS TO FORM
[Signature]
Legal Department City of Columbia, SC

Department of Procurement and Contracts
1800 Main Street, 2nd Floor
Columbia, SC 29201
Phone: 803-545-3470 Fax: 803-758-1013



We Are Columbia

May 16, 2019

Water Solutions
280 Callegari Drive
West Haven, CT 06516

RE: Contract Extension, BID024-15-16

To Ms. Tomsheck,

The current awarded period on the above referenced contract expires on June 30, 2019. At this time, the City would like to extend this contract until September 30, 2019 at the price of \$0.62 per pound of Sodium Chlorate (Purate).

Any contract entered into by the City resulting from this renewal request shall be subject to cancellation without damages or further obligation when funds are not appropriated or otherwise made available to support the continuation of performance in any fiscal period.

This extension is subject to the approval by the City Manager, City Council for the City of Columbia and/or their authorized designee. If awarded, the maximum amount allowed for the renewal period shall not exceed the total amount approved and listed on the subsequent Purchase Order without prior approval from the City's Department of Procurement & Contracts.

Please annotate on the bottom of this letter, with your signature and date, as to whether you are interested or not in extending the contract for 3 additional months with all terms and conditions to remain the same during this extension.

Also, please sign in blue ink, scan and email a copy of this signed letter back to our office no later than 5:00 PM on Monday, May 20, 2019. In addition, please mail the original signed version of this letter back to me while retaining a copy for your files.

I look forward to hearing your response.

La'Toyia T. Davis

La'Toyia T. Davis, Buyer

Department of Procurement and Contracts
1800 Main Street, 2nd Floor
Columbia, SC 29201
Phone: 803-545-3470 Fax: 803-758-1013

I agree to extend the current contract (BID 024-15-16) for three (3) additional months from July 1, 2019 to September 30, 2019.*All other terms and conditions as outlined in BID 024-15-16 are applicable, fully enforceable and will remain unchanged.

*@\$.65/#

XX Yes * No

Karen M. Tornstreck
Signature/ Date 5/20/19

Karen M. Tornstreck
Printed Name of Signer/ Title

Comments: Water Solutions agrees to extend the contract @\$65/#

Our pricing increased to \$.65/# 1/1/19 but given our agreement we held pricing at agreed upon rate. We would be happy to extend the contract at 2019 pricing until new bid comes out in September.

Sandra A. Wright / 6/5/19
Sandra A. Wright Date
Purchasing Agent Signature

Teresa B. Wilson
City Manager Signature

Date

APPROVED AS TO FORM
[Signature]
Legal Department City of Columbia, SC

Department of Procurement and Contracts
1800 Main Street, 2nd Floor
Columbia, SC 29201
Phone: 803-545-3470 Fax: 803-758-1013

Renewal Notice

City of Columbia, SC

TO: Tanner Industries, Inc.
Attn: Matt Tanner
735 Davisville Road
Southampton, PA 18966
215-332-1238

Bid# 004-17-18 - Chemicals for Water and Wastewater Treatment Plants
Anhydrous Ammonia \$1,319.00/Ton

The above chemical purchases were originally awarded to you based on pricing collected September 29, 2017. They were renewed for an additional 12-month term at the above listed price. Your company has performed in accordance with the requirements of our agreement and has continuously met our supply needs.

The City of Columbia would like to extend the current contract at the current price for additional 3-month period. This extension is subject to the approval by the City Manager, City Council for the City of Columbia and/or their authorized designee. If awarded, the maximum amount allowed for the renewal period shall not exceed the total amount approved and listed on the subsequent Purchase Order without prior approval from the City's Department of Procurement & Contracts.

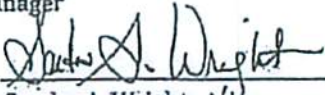
Any contract entered into by the City resulting from this renewal request shall be subject to cancellation without damages or further obligation when funds are not appropriated or otherwise made available to support the continuation of performance in any fiscal period.

Acceptance of this Renewal, by execution of this document, is required prior to Monday, June 3, 2019. The renewal period shall be governed by the specifications, pricing, and terms and conditions set forth in the original request.

Dated this ____ day of _____, 2019

City of Columbia, SC

By: _____
Teresa Wilson
City Manager

Submitted by: 
Sandra A. Wright
Purchasing Agent

APPROVED AS TO FORM

Legal Department City of Columbia, SC

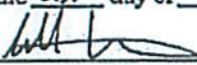
Tanner Industries
Request for Renewal (Chemicals)
May 20, 2019
Page Two

ACCEPTANCE OF NOTICE

Receipt of this Notice of Award is hereby

Acknowledged by Tanner Industries, Inc.

This the 21st day of May, 2019

By: 

Printed Name: Matt Tanner

Title: Sales Administrator

Comments: _____

Renewal Notice

City of Columbia, SC

TO: Chemtrade Chemicals US, LLC
 Attn: Parul Kachhia-Patel
 155 Gordon Baker Road, Suite 300
 Toronto, ON M2H 3N5
 800-441-2659

Bid# 004-17-18 - Chemicals for Water and Wastewater Treatment Plants
 Aluminum Sulfate \$261.00/Ton

The above chemical purchases were originally awarded to you based on pricing collected September 29, 2017. They were renewed for an additional 12-month term. Your company has performed in accordance with the requirements of our agreement and has continuously met our supply needs.

The City of Columbia would like to extend the current contract at the above requested price for additional 3-month period. This extension is subject to the approval by the City Manager, City Council for the City of Columbia and/or their authorized designee. If awarded, the maximum amount allowed for the renewal period shall not exceed the total amount approved and listed on the subsequent Purchase Order without prior approval from the City's Department of Procurement & Contracts.

Any contract entered into by the City resulting from this renewal request shall be subject to cancellation without damages or further obligation when funds are not appropriated or otherwise made available to support the continuation of performance in any fiscal period.

Acceptance of this Renewal, by execution of this document, is required prior to Monday, June 3, 2019. The renewal period shall be governed by the specifications, pricing, and terms and conditions set forth in the original request.

Dated this ____ day of _____, 2019

City of Columbia, SC

By: _____

Teresa Wilson
 City Manager

Submitted by:  _____

Sandra A. Wright
 Purchasing Agent

APPROVED AS TO FORM

 Legal Department City of Columbia, SC

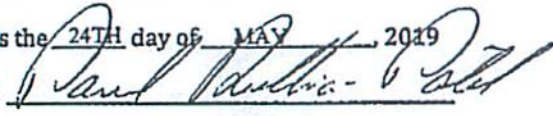
Chemtrade Chemicals US, LLC
Request for Renewal (Chemicals)
May 20, 2019
Page Two

ACCEPTANCE OF NOTICE

Receipt of this Notice of Award is hereby

Acknowledged by PARUL KACHHIA-PATEL

This the 24TH day of MAY, 2019

By: 

Printed Name: PARUL KACHHIA-PATEL

Title: MARKETING SPECIALIST

Comments: THE \$261.00 DRY TON PRICE IS EFFECTIVE FROM JULY 1, 2019 THROUGH SEPTEMBER 30, 2019.

Renewal Notice

City of Columbia, SC

TO: JCI Jones
Attn: Summer Mello
1765 Ringling Boulevard
Sarasota, FL 34236
941-330-1537

Bld# 004-17-18 - Chemicals for Water and Wastewater Treatment Plants

Chlorine	\$460.80/Ton
Sodium Hydroxide-Caustic Soda	\$685.00/Ton
Sodium Hypochlorite 12% Trade Weight	\$0.6700/Gallon
Sodium Hypochlorite 15% Trade Weight	\$0.7500/Gallon

The above chemical purchases were originally awarded to you based on pricing collected September 29, 2017. They were renewed for an additional 12-month term at the above listed price. Your company has performed in accordance with the requirements of our agreement and has continuously met our supply needs.

The City of Columbia would like to extend the current contract at the current price for additional 3-month period. This extension is subject to the approval by the City Manager, City Council for the City of Columbia and/or their authorized designee. If awarded, the maximum amount allowed for the renewal period shall not exceed the total amount approved and listed on the subsequent Purchase Order without prior approval from the City's Department of Procurement & Contracts.

Any contract entered into by the City resulting from this renewal request shall be subject to cancellation without damages or further obligation when funds are not appropriated or otherwise made available to support the continuation of performance in any fiscal period.

Acceptance of this Renewal, by execution of this document, is required prior to Monday, June 3, 2019. The renewal period shall be governed by the specifications, pricing, and terms and conditions set forth in the original request.

Dated this ____ day of _____, 2019

City of Columbia, SC

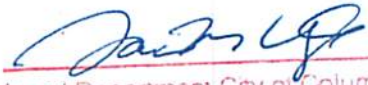
By: _____

Teresa Wilson
City Manager

Submitted by:  _____

Sandra A. Wright
Purchasing Agent

APPROVED AS TO FORM


Legal Department City of Columbia, SC

JCI Jones
Request for Renewal (Chemicals)
May 20, 2019
Page Two

ACCEPTANCE OF NOTICE

Receipt of this Notice of Award is hereby

Acknowledged by JCI Jones Chemicals, Inc.

This the 28 day of May, 2019

By: Summer Mello

Printed Name: Summer Mello

Title: Natl Sales Admin

Comments: _____

APPROVED AS TO FORM
Sam YR
Legal Department City of Columbia, SC

Renewal Notice

City of Columbia, SC

TO: Polytec, Inc.
Attn: Jack Harmon
PO Box 659
Mooresville, NC 28110
704-660-5195

Bid# 004-17-18 - Chemicals for Water and Wastewater Treatment Plants
Liquid Lime-Calcium Hydroxide \$300.00/Ton

The above chemical purchases were originally awarded to you based on pricing collected September 29, 2017. They were renewed for an additional 12-month term at the above listed price. Your company has performed in accordance with the requirements of our agreement and has continuously met our supply needs.

The City of Columbia would like to extend the current contract at the current price for additional 3-month period. This extension is subject to the approval by the City Manager, City Council for the City of Columbia and/or their authorized designee. If awarded, the maximum amount allowed for the renewal period shall not exceed the total amount approved and listed on the subsequent Purchase Order without prior approval from the City's Department of Procurement & Contracts.

Any contract entered into by the City resulting from this renewal request shall be subject to cancellation without damages or further obligation when funds are not appropriated or otherwise made available to support the continuation of performance in any fiscal period.

Acceptance of this Renewal, by execution of this document, is required prior to **Monday, June 3, 2019**. The renewal period shall be governed by the specifications, pricing, and terms and conditions set forth in the original request.

Dated this ____ day of _____, 2019

City of Columbia, SC

By: _____
Teresa Wilson
City Manager

Submitted by: 
Sandra A. Wright
Purchasing Agent

Polytec, Inc.
Request for Renewal (Chemicals)
May 20, 2019
Page Two

ACCEPTANCE OF NOTICE

Receipt of this Notice of Award is hereby

Acknowledged by JACK HARMON, Polytec, INC.

This the 3rd day of June, 2019

By: [Signature]

Printed Name: JACK HARMON

Title: President

Comments: _____

Renewal Notice

City of Columbia, SC

TO: Univar USA Inc.
Attn: Linda Campbell
200 Dean Sievers Place
Morrisville, PA 19067
215-337-6269

Bid# 004-17-18 – Chemicals for Water and Wastewater Treatment Plants
Fluoride-Fluor Silicic Acid, Liquid **\$250.00/Ton**

The above chemical purchases were originally awarded to you based on pricing collected September 29, 2017. They were renewed for an additional 12-month term at the above listed price. Your company has performed in accordance with the requirements of our agreement and has continuously met our supply needs.

The City of Columbia would like to extend the current contract at the current price for additional 3-month period. This extension is subject to the approval by the City Manager, City Council for the City of Columbia and/or their authorized designee. If awarded, the maximum amount allowed for the renewal period shall not exceed the total amount approved and listed on the subsequent Purchase Order without prior approval from the City's Department of Procurement & Contracts.

Any contract entered into by the City resulting from this renewal request shall be subject to cancellation without damages or further obligation when funds are not appropriated or otherwise made available to support the continuation of performance in any fiscal period.

Acceptance of this Renewal, by execution of this document, is required prior to **Monday, June 3, 2019**. The renewal period shall be governed by the specifications, pricing, and terms and conditions set forth in the original request.

Dated this ____ day of _____, 2019

City of Columbia, SC

By: _____

Teresa Wilson
City Manager

Submitted by: Sandra A. Wright

Sandra A. Wright
Purchasing Agent

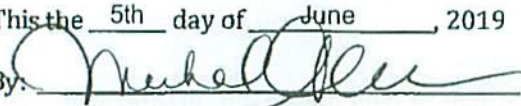
Univar USA Inc.
Request for Renewal (Chemicals)
May 20, 2019
Page Two

ACCEPTANCE OF NOTICE

Receipt of this Notice of Award is hereby

Acknowledged by Univar USA Inc.

This the 5th day of June, 2019

By: 

Printed Name: Michael Crea

Title: Municipal Specialist

Comments: _____

Renewal Notice

City of Columbia, SC

TO: International Dioxide
Attn: Thomas Dwyer
40 Whitecap Drive
North Kingstown, RI 02852
401-295-3623

Bid# 004-17-18 – Chemicals for Water and Wastewater Treatment Plants
Liquid Sodium Chlorite **\$1,150.00/Ton**

The above chemical purchases were originally awarded to you based on pricing collected September 29, 2017. They were renewed for an additional 12-month term. Your company has performed in accordance with the requirements of our agreement and has continuously met our supply needs.

The City of Columbia would like to extend the current contract at the above requested price for additional 3-month period. This extension is subject to the approval by the City Manager, City Council for the City of Columbia and/or their authorized designee. If awarded, the maximum amount allowed for the renewal period shall not exceed the total amount approved and listed on the subsequent Purchase Order without prior approval from the City's Department of Procurement & Contracts.

Any contract entered into by the City resulting from this renewal request shall be subject to cancellation without damages or further obligation when funds are not appropriated or otherwise made available to support the continuation of performance in any fiscal period.

Acceptance of this Renewal, by execution of this document, is required prior to **Friday, June 7, 2019**. The renewal period shall be governed by the specifications, pricing, and terms and conditions set forth in the original request.

Dated this ____ day of _____, 2019

City of Columbia, SC

By: _____
Teresa Wilson
City Manager

Submitted by: _____
Sandra A. Wright
Purchasing Agent

International Dioxide
Request for Renewal (Chemicals)
June 4, 2019
Page Two

ACCEPTANCE OF NOTICE

Receipt of this Notice of Award is hereby

Acknowledged by International Dioxide Inc.

This the 6 day of June, 2019

By: Thomas M. Dwyer

Printed Name: Thomas M. Dwyer

Title: ClO₂ Business Dir.

Comments: The delivered price for Sodium chlorite
is increasing for the higher cost of freight
due to shortage of licensed drivers.



May 17, 2019

Southern Ionics, Inc.
201 Commerce Street
West Point, MS 39773

RE: Contract Extension, BID006-18-19

To Mr. Dreisbach,

The current awarded period on the above referenced contract expires on June 30, 2019. At this time, the City would like to extend this contract until September 30, 2019 at the price of \$0.11 per pound of Sodium Bisulfate.

Any contract entered into by the City resulting from this renewal request shall be subject to cancellation without damages or further obligation when funds are not appropriated or otherwise made available to support the continuation of performance in any fiscal period.

This extension is subject to the approval by the City Manager, City Council for the City of Columbia and/or their authorized designee. If awarded, the maximum amount allowed for the renewal period shall not exceed the total amount approved and listed on the subsequent Purchase Order without prior approval from the City's Department of Procurement & Contracts.

Please annotate on the bottom of this letter, with your signature and date, as to whether you are interested or not in extending the contract for 3 additional months with all terms and conditions to remain the same during this extension.

Also, please sign in blue ink, scan and email a copy of this signed letter back to our office no later than 5:00 PM on Monday, May 20, 2019. In addition, please mail the original signed version of this letter back to me while retaining a copy for your files.

I look forward to hearing your response.

La'Toyia T. Davis
La'Toyia T. Davis, Buyer

Department of Procurement and Contracts
1800 Main Street, 2nd Floor
Columbia, SC 29201
Phone: 803-545-3470 Fax: 803-758-1013

I agree to extend the current contract (BID 006-18-19) for three (3) additional months from July 1, 2019 to September 30, 2019. All other terms and conditions as outlined in BID 006-18-19 are applicable, fully enforceable and will remain unchanged.

☒ Yes ☐ No

Khristy A. Todd
Signature/Date 5/21/19

Khristy Todd, Man Corp. Adm.
Printed Name of Signer/ Title

Comments: _____

Sandra A. Wright / 6/5/19
Sandra A. Wright Date
Purchasing Agent Signature

Teresa B. Wilson
City Manager Signature

Date

APPROVED AS TO FORM
[Signature]
Legal Department City of Columbia, SC

Department of Procurement and Contracts
1800 Main Street, 2nd Floor
Columbia, SC 29201
Phone: 803-545-3470 Fax: 803-758-1013



May 14, 2019

Mr. Peter Ahl
Premier Magnesia
300 Barr Harbor Drive, Suite 250
W. Conshohocken, PA 19428

RE: Contract Extension, BID013-15-16-Magnesium Hydroxide for the Wastewater Treatment Plant

To Mr. Ahl,

The Initial awarded period on the above referenced contract expires on June 30, 2019. At this time, the City would like to extend this contract until September 30, 2019 at the current price for an upcoming bid.

Any contract entered into by the City resulting from this renewal request shall be subject to cancellation without damages or further obligation when funds are not appropriated or otherwise made available to support the continuation of performance in any fiscal period.

This extension is subject to the approval by the City Manager, City Council for the City of Columbia and/or their authorized designee. If awarded, the maximum amount allowed for the renewal period shall not exceed \$145,000 (\$1,294,704 annually).

Please annotate on the bottom of this letter, with your signature and date, as to whether you are interested or not in extending the contract until September 30, 2019 with all terms and conditions to remain the same during this extension.

Also, please sign in blue ink, scan and email a copy of this signed letter back to our office no later than 5:00 PM on Monday, May 24, 2019. In addition, please mail the original signed version of this letter back to me while retaining a copy for your files.

I look forward to hearing your response.

La'Toyia T. Davis
La'Toyia T. Davis, Buyer

Department of Procurement and Contracts
1800 Main Street, 2nd Floor
Columbia, SC 29201
Phone: 803-545-3470 Fax: 803-733-8408

I agree to extend the current contract (BID 013-15-16) for three (3) additional months from July 1, 2019 to September 30, 2019. All other terms and conditions as outlined in BID 013-15-16 are applicable, fully enforceable and will remain unchanged.

☒ Yes ☐ No

[Signature]
Signature/ Date

J. Peter AHC VP/6M
Printed Name of Signer/ Title

Comments: _____

[Signature]
Sandra A. Wright
Purchasing Agent Signature

6/5/19
Date

Teresa B. Wilson
City Manager Signature

Date

APPROVED AS TO FORM
[Signature]
Legal Department City of Columbia, SC

Department of Procurement and Contracts
1800 Main Street, 2nd Floor
Columbia, SC 29201
Phone: 803-545-3470 Fax: 803-733-8408



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Procurement and Contracts

FROM: Sandra Wright, Purchasing Agent

SUBJECT: Council is asked to approve Construction Change Order# 1 for Project SS7363; Smith Branch 03 Sewer Rehabilitation Implementation, as requested by Columbia Water. Award to North American Pipeline Management, Inc. in the amount of \$1,620,988.00. This firm is located in Marietta, GA.

PURPOSE: This is a Clean Water 2020 Program Project.

The original contract has subcontractor LA Barrier and Son of Lexington, SC, a Minority Business Enterprise (Woman) providing trucking and aggregate materials at 12% (\$692,000) of the contract value. The CDBE goal for this project was established at 26%. The vendor has maintained the goal at 12.7% with good faith efforts for this change order.

REQUISITION NO.: R192219

FUNDING SOURCE & ORIGINAL BUDGET: Funding Source: 5529999-SS736301-658650. The previous awarded amount, including a \$250,000.00 contingency is \$6,205,713.00. With approval of this Construction Change Order increase of \$1,620,988.00, the revised awarded contract amount will be \$7,826,701.00. The original budgeted amount for this project is \$7,000,000. The original budget amount for this change order is \$1,620,988.00.

BUSINESS PROGRAM: Female Business Enterprise

CLEAN WATER 2020?: Yes

FOCUS AREAS: Innovative & High Quality Municipal Services

Additional funding is respectfully requested in the amount of \$1,620,988.00 to fulfill the balance of the subject construction change order.

Services to be performed are within Council Districts 1 and 2.

ATTACHMENTS:

- **#a:** SS7363 Smith Branch 03 Sewer Rehab CO# 1 (PDF)
- **#d:** SS7363 Map (PDF)

HISTORY:

06/11/19

Columbia City Council

DEFERRED



SS7363
Smith Branch 03 Sewer Rehabilitation
Change Order # 1
April 11, 2019

Description of Change: A modification of the Contract Agreement between the City of Columbia (City) and North American Pipeline Management, Inc. (Contractor) is requested in order to correct quantity errors in the original bid process and to facilitate the tracking of various construction materials and construction activities. All other provisions of the Agreement, except as herein modified or changed remain in full force and effect.

Reason for change: This change order is to clarify methods of quantity measurement and tracking of line items, in the processing of payment applications for this project. A detailed narrative explaining these modifications is attached.

Based on these clarifications, the following existing quantities would be removed from the contract per the following table.

DEDUCTIONS

Item	Description	Original Qty.	Orig. Cost
A-12	Remove & Replace Asphalt Paving in City and County Streets	13,695SY	\$314,985.00
A-13	Remove & Replace Asphalt Paving in DOT Streets	53SY	\$20,246.00
B-1	8-inch PVC Sewer Pipe (0 to 6' Deep) in City Streets	1,398LF	\$139,800.00
B-2	8-inch PVC Sewer Pipe (6 to 8' Deep) in City Streets	1,514LF	\$166,540.00
B-3	8-inch PVC Sewer Pipe (8 to 10' Deep) in City Streets	1,069LF	\$128,280.00
B-4	8-inch PVC Sewer Pipe (10 to 12' Deep) in City Streets	396LF	\$59,400.00
B-6	12-inch PVC Sewer Pipe (6 to 8' Deep) in City Streets	28LF	\$8,988.00
B-28	8-inch PVC Sewer Pipe (10 to 12' Deep) in DOT Streets	297LF	\$115,533.00
B-49	6-inch PVC Service Connections and Cleanouts in City Streets	725LF	\$47,850.00
C-1	8-inch DI Restrained Joint Gravity Sewer pipe (greater than 0 to 8') in City St.	72LF	\$12,240.00
C-7	12-inch DI Gravity Sewer Encasement for 8" PVC Conduit in City St.	380LF	\$71,060.00
C-13	18-inch DIP Gravity Sewer Encasement for 12" PVC Conduit in City St.	80LF	\$21,120.00

TOTAL DEDUCTIONS (\$1,106,042.00)

ADDITIONS

The following table illustrates new items needing to be included in the project. NAPM has provided unit pricing for each based on the quantity and description modifications as outlined in this letter.

Description	Quantity	Unit	Unit Price	Extended Price
Mill & Resurface Asphalt Pavement	9,848	SY	\$43.50	\$428,388.00
Replace Asphalt Pavement	3,900	SY	\$112.00	\$436,800.00
Flowable Fill	6,500	CY	\$159.00	\$1,033,500.00
8-inch PVC Sewer Pipe (0 to 6' Deep) Beneath Streets	807	LF	\$136.00	\$109,752.00
8-inch PVC Sewer Pipe (6 to 8' Deep) Beneath Streets	874	LF	\$160.00	\$139,840.00
8-inch PVC Sewer Pipe (8 to 10' Deep) Beneath Streets	617	LF	\$188.00	\$115,996.00
8-inch PVC Sewer Pipe (10 to 12' Deep) Beneath Streets	400	LF	\$237.00	\$94,800.00
12-inch PVC Sewer Pipe (6 to 8' Deep) Beneath Streets	14	LF	\$269.00	\$3,766.00
6-inch PVC Service Connections and Cleanouts Beneath Streets	725	LF	\$54.00	\$39,150.00
8-inch PVC Sewer Pipe (0 to 6' Deep) Outside Pavement	591	LF	\$136.00	\$80,376.00
8-inch PVC Sewer Pipe (6 to 8' Deep) Outside Pavement	640	LF	\$143.00	\$91,520.00
8-inch PVC Sewer Pipe (8 to 10' Deep) Outside Pavement	452	LF	\$152.00	\$68,704.00
8-inch PVC Sewer Pipe (10 to 12' Deep) Outside Pavement	293	LF	\$178.00	\$52,154.00
12-inch PVC Sewer Pipe (6 to 8' Deep) Outside Pavement	14	LF	\$254.00	\$3,556.00
8-inch Ductile Iron Sewer Pipe (All Depths) Beneath Streets	266	LF	\$54.00	\$14,364.00
8-inch Ductile Iron Sewer Pipe (All Depths) Outside Pavement	266	LF	\$54.00	\$14,364.00

TOTAL ADDITIONS:

\$ 2,727,030.00

Total Net Change: Addition \$ 1,620,988.00

New funding requirement \$ 1,620,988.00

Budget transfer attached

Proposed Change and Basis for Payment:

Owner's Contingency Allowance

Original Allowance Total:	\$250,000.00
Previous change orders:	\$0.00
This change (Addition):	\$0.00
Revised Owner's Contingency Allowance:	\$250,000.00

Proposed Change and Basis for Payment

Original contract price:	\$5,955,713.00
Previous change orders:	\$0.00
This change: (Addition)	\$1,620,988.00
Revised contract price:	\$7,576,701.00

Contractual Completion Date:

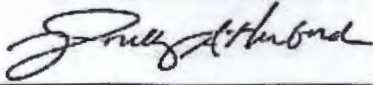
Notice to Proceed: January 22, 2019

Scheduled Final Completion Date: March 18, 2020

Revised Completion Date: April 15, 2020

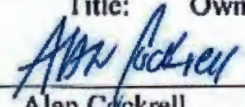
This Change is Acceptable:

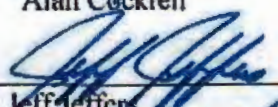
North American Pipeline Management, Inc.

By: 

Dorelly A. Herford

Title: Owner

Recommended for Approval:  Utility Construction Inspector
Alan Cockrell

Recommended for Approval:  Sr. Utility Construction Inspector
Jeff Jeffers

Recommend for Approval:  Asst. City Engineer for Engineer Const.
Michael F. Sheu, P.E.

Approval of Change: _____ City Manager
Teresa Wilson

APPROVED AS TO FORM


Legal Department City of Columbia



AECOM
101 Research Drive
Columbia, SC 29203
aecom.com

Project name:
SS7363 Smith Branch 03 Sewer Rehabilitation
Implementation

Project ref:
60508541

From:
Phillip Dieckmann, P.E.

Date:
May 16, 2019

To:
Michael F. Sheu, P.E.
Assistant City Engineer
City of Columbia
PO Box 147
Columbia, SC 29217

CC:
Lauren Carper, P.E. - CW2020
John T. Riggs, P.E. - COC
Tom Haselden, P.E. - AECOM

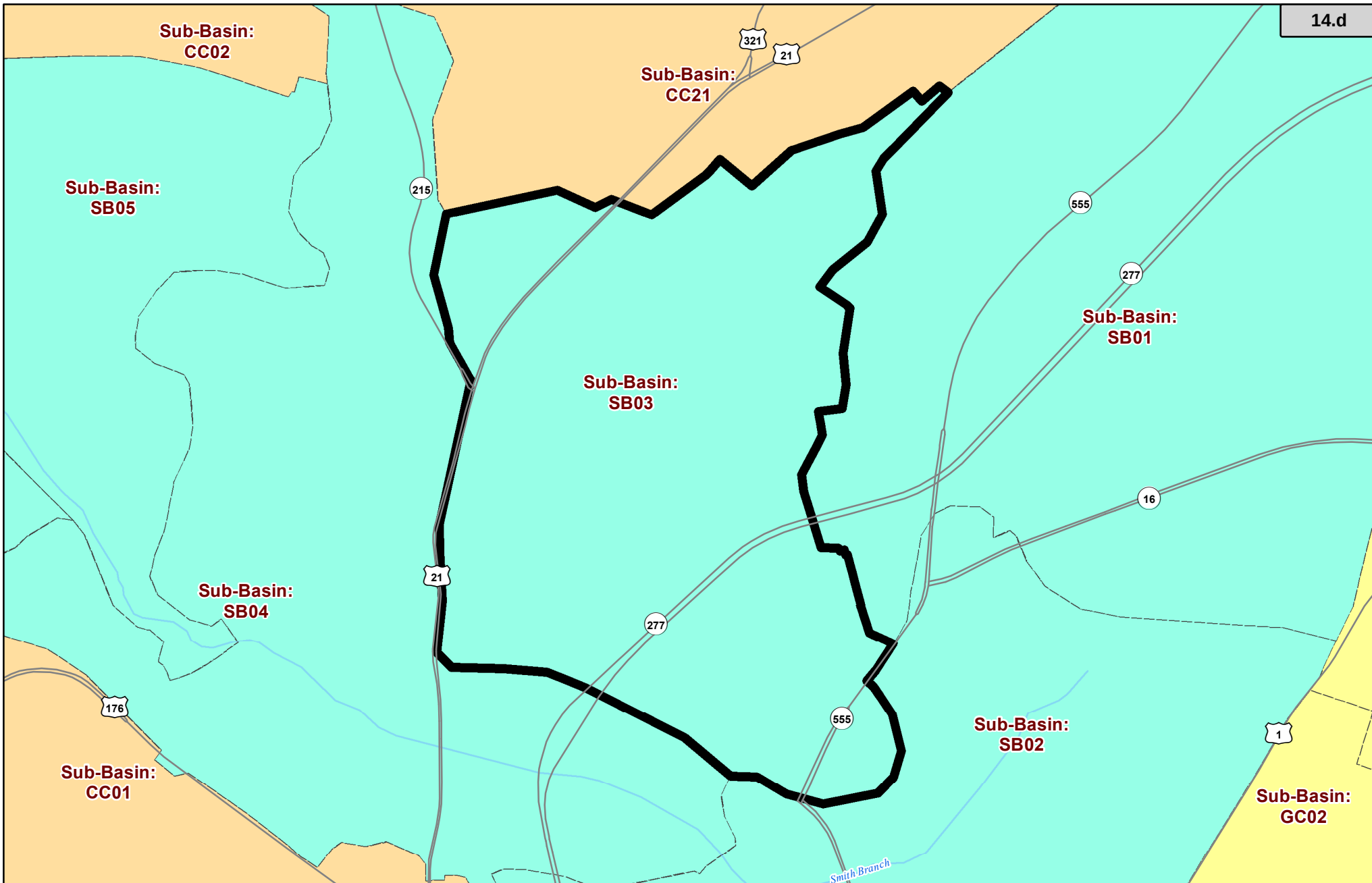
Memo

Subject: SS7363 Smith Branch 03 SSES -- Change Order #1

AECOM Technical Services, Inc. (AECOM) has reviewed the SS7363 Smith Branch 03 SSES -- Change Order #1. AECOM agrees with the proposed changes in quantities, the revised Measurement and Payment specification sections, and revised pricing as detailed in Change Order #1. AECOM performed an independent evaluation of the construction pricing provided by North American Pipe Management, Inc. and finds pricing provided in Change Order #1 be fair and reasonable for the work to be performed.

Sincerely,

Phillip Dieckmann, P.E.





We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Legal Department

FROM: *Shari Ardis, Legal Office Manager*

SUBJECT: Ordinance No.: 2019-041 Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 23, Utilities and Engineering, Article V, Water and Sewer Rates to add Sec. 23-155 Industrial user permit fees

PURPOSE: First reading approval was given on June 11, 2019.

**FUNDING SOURCE &
ORIGINAL BUDGET:**

FOCUS AREAS: Attracting & Retaining Talent, Economic Prosperity - Endless Possibilities, Empowering Our Residents

ATTACHMENTS:

- **#a:** 2019-041 add Sec 23-155 Industrial user permit fees (PDF)

HISTORY:

06/11/19

Columbia City Council

APPROVED ON FIRST READING.

ORDINANCE NO.: 2019-041

Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 23, Utilities and Engineering, Article V, Water and Sewer Rates to add Sec. 23-155 Industrial user permit fees

BE IT ORDAINED by the Mayor and Council this ____ day of _____, 2019, that the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 23, Utilities and Engineering, Article V, Water and Sewer Rates, to add Sec. 23-155 Industrial user permit fees to read as follows:

Sec. 23-155. Industrial user permit fees.

An annual fee of \$200.00 will be assessed every July for all active permits on July first of that year.

This ordinance is effective as of July 1, 2019.

Requested by:

Assistant City Manager Shealy

Mayor

Approved by:

City Manager

Approved as to form:

ATTEST:


Deputy City Attorney

City Clerk

Public Hearing:

Introduced:

Final Reading:



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Legal Department

FROM: *Shari Ardis, Legal Office Manager*

SUBJECT: Ordinance No.: 2019-042 Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 23, Utilities and Engineering, Article IV, Wastewater Service, Sec. 23-112 Violations; penalty

PURPOSE: First reading approval was given on June 11, 2019.

FUNDING SOURCE & ORIGINAL BUDGET:

FOCUS AREAS: Economic Prosperity - Endless Possibilities, Empowering Our Residents

ATTACHMENTS:

- **#a:** 2019-042 amend Sec. 23-112 Violations; penalty (PDF)

HISTORY:

06/04/19	Columbia City Council	APPROVED ON FIRST READING.
06/11/19	Columbia City Council	APPROVED ON FIRST READING.

ORDINANCE NO.: 2019-042

Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 23, Utilities and Engineering, Article IV, Wastewater Service, Sec. 23-112 Violations; penalty

BE IT ORDAINED by the Mayor and Council this ____ day of _____, 2019, that the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 23, Utilities and Engineering, Article IV, Wastewater Service, Sec. 23-112 Violations; penalty, is amended to read as follows:

Sec. 23-112. Violations; ~~penalty~~ administrative orders; penalties.

(a) Civil Penalties: Any person who violates the provisions of this Ordinance or the provisions of any permit or order issued pursuant to this Ordinance is subject to a civil penalty of up to \$2000 for each day of violation. Each day on which a violation occurs or continues shall be deemed a separate and distinct violation. In the case of a monthly or long-term average discharge limit, the civil penalty may be assessed for each day during the period of the violation. Prior to imposition of a civil penalty, the city will issue a rule to show cause pursuant to Section 23-1.

(b) Administrative Orders: In addition to any other remedy available under this Section, the POTW may issue an administrative order (1) imposing a schedule to achieve compliance with this Ordinance or a permit issued pursuant to this Ordinance, (2) ordering a user to cease and desist activities, including the discharge of wastewater, in violation of this Ordinance or a permit issued pursuant to this Ordinance, (3) terminating water and sewer service, (4) revoking a permit issued pursuant to this Ordinance; or (5) ordering such other action as deemed necessary to address a violation of this Ordinance or a permit issued pursuant to this Ordinance.

Any person who has been issued an administrative order may request a hearing by filing a request for hearing within fifteen calendar days of the date of issuance of the administrative order. The request shall be filed with the city clerk and shall include reference to the administrative order and the reasons for the request for a hearing. The hearing shall be conducted in accordance with Section 23-1.

(c) Criminal Penalties: Any person who knowingly discharges waste into any portion of the system in violation of this article; or who violates the provision of any permit or order of the approving authority issued in accordance with this article; or who knowingly makes any false statement, representation or certification in any application, record, report, plan or other document or files required to be maintained pursuant to this article or any wastewater contribution permit; or who falsifies, tampers with or knowingly renders inaccurate any monitoring device, shall be deemed guilty of a misdemeanor, punishable, upon conviction, in accordance with section 1-5, with a fine of not more than \$500 or imprisonment for not more than thirty days, or both. Each day on which a violation shall occur or continue shall be deemed a separate and distinct offense.

(d) Injunctive Relief: In addition to any other criminal or civil remedies that may be available under this Section, the POTW may bring a civil action to obtain an injunction against any person in violation of this Ordinance or any provision of a permit or order issued pursuant to this Ordinance.

This ordinance is effective as of July 1, 2019.

Requested by:

Assistant City Manager Shealy

Approved by:

City Manager

Approved as to form:

Deputy City Attorney

Public Hearing:

Introduced:

Final Reading:

Mayor

ATTEST:

City Clerk



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Legal Department

FROM: *Shari Ardis, Legal Office Manager*

SUBJECT: Resolution No.: R-2019-048 Authorizing consumption of beer and wine only at the Tasty Tomato Festival in Earlewood Park on Saturday, July 13, 2019

FUNDING SOURCE & ORIGINAL BUDGET:

FOCUS AREAS: Connecting Our Community, Empowering Our Residents, Enhancing Columbia's Neighborhoods

ATTACHMENTS:

- **#a:** R-2019-048 Tasty Tomato (July 13) (PDF)

RESOLUTION NO.: R-2019-048

*Authorizing consumption of beer and wine only at the Tasty Tomato Festival
in Earlewood Park on Saturday, July 13, 2019*

WHEREAS, the Earlewood Community Citizens Council ("Sponsor") is sponsoring the Tasty Tomato Festival in Earlewood Park on Saturday, July 13, 2019; and,

WHEREAS, Sponsor has requested permission for the temporary closing and use from 9:00 a.m. until 9:00 p.m. of Earlewood Park and Parkside Drive between North Main Street and Earlewood Drive, for preparation of the event, clean up after the event, crowd control and overflow of the event to be held on Saturday, July 13, 2019 from 1:00 p.m. until 7:00 p.m.; and for patrons to consume beer and wine beverages only at the event during the hours of 1:00 p.m. until 6:30 p.m.; and,

WHEREAS, it has been determined that such an event would be in the public interest; NOW, THEREFORE,

BE IT RESOLVED by the Mayor and Council this ___ day of _____, 2019, that the sale of beer and wine beverages only is authorized between the hours of 1:00 p.m. and 6:30 p.m. on Saturday, July 13, 2019; and,

BE IT FURTHER RESOLVED that all vendors be restricted to stationary location; and,

BE IT FURTHER RESOLVED that outdoor possession and consumption of beer and wine beverages only, all outdoor musical performances and use of sound-amplifying devices shall end by 10:00 p.m. due to the proximity of the event to residential properties; and,

BE IT FURTHER RESOLVED that possession and consumption of alcoholic liquors or alcoholic beverages other than beer and/or wine beverages within the event area is prohibited; and,

BE IT FURTHER RESOLVED that VIP tents or VIP areas for the possession and consumption of alcoholic liquors or alcoholic beverages, other than beer or wine beverages, within the event area are prohibited; and,

BE IT FURTHER RESOLVED that organizer is responsible or shall make arrangements for the cleanup of all trash and debris within the festival area and within the designated area of impact as shown on the attached drawing, and shall place same in the roll carts provided by the City. Any overflow of trash and debris shall be placed in garbage bags with the top securely closed and placed beside the City roll carts. The number of roll carts needed for the event shall be determined by organizer and the City Solid Waste Division prior to the event and placed throughout the event area to ensure that trash and debris are well contained. Roll carts and bagged trash and debris shall be returned to the collection point designated by the City in a timely manner. If the organizer has not opted to use City services to clean up the festival area and within the designated area of impact as shown on the attached drawing, any costs incurred by the City in removing loose trash and debris within the festival area and within the designated area of impact as shown on the attached drawing, which the organizer has failed to clean up, shall be billed to and paid by the organizer; and,

BE IT FURTHER RESOLVED that only pedestrian traffic will be allowed within the area. All other traffic, including, but not limited to, automobiles, trucks, motorcycles, mopeds, bicycles, skate boards, and horses, except police horses, is prohibited. Coolers, glass bottles, breakable glasses and/or cups, large bags and backpacks shall be prohibited; and,

BE IT FURTHER RESOLVED that canines are allowed provided that waste is collected and properly disposed of and current leash laws are observed as set out in the 1998 Code of Ordinances of the City of Columbia, as amended. All other pets shall be prohibited; and,

BE IT FURTHER RESOLVED that during the designated time the closed portions of Earlewood Park and Parkside Drive between North Main Street and Earlewood Drive, with the exception of the parking areas, adjacent off-street parking areas and any other areas posted as to not allow alcoholic liquors or alcoholic beverages other than beer and/or wine beverages, is deemed to be the site of a public festival at which only beer and wine beverages may be consumed and the prohibition against possession or

consumption of alcoholic beverages set forth in Sec. 14-99 shall not apply as to the possession and consumption of beer and/or wine beverages. Possession and consumption of beer and wine beverages shall be permitted only in plastic cups, plastic or aluminum bottles or aluminum cans provided by vendors within the areas designated.

PROVIDED, FURTHER, that the event organizer shall provide the names and cell phone numbers of a least two contact persons who can receive complaints during the event, including any set up and breakdown times. The cell phones shall remain on at all times during the event and during any set up and breakdown time.

PROVIDED, FURTHER, that failure of the event organizer to strictly comply with the time frames and other requirements and responsibilities set forth in this resolution may result in a denial of subsequent requests to allow the event.

PROVIDED, HOWEVER, that no solicitation or transactions be made in violation of Sec. 14-32, 1998 Code of Ordinances of the City of Columbia, South Carolina.

BE IT FURTHER RESOLVED that in the event of inclement weather on Saturday, July 13, 2019, the City Manager is authorized to approve the rescheduling of the canceled event for another date within one (1) week from the date of the originally scheduled event upon receiving twenty-four (24) hours written notice requesting the rescheduling of the event. The hours of operation for the event, service of beer and wine only at the event and closing of streets for set up, clean up and crowd control of the event shall remain as outlined above.

BE IT FURTHER RESOLVED that should the organizer reschedule the event for another date beyond one (1) week from the date of the originally scheduled event, a request for a resolution of City Council approving the new date of the event shall be required.

Requested by:

Assistant City Manager Shealy

Mayor

Approved by:

City Manager

Approved as to form:

ATTEST:


City Attorney

City Clerk

Introduced:

Final Reading:

DATE OF REQUEST

05/01/2019

REQUESTOR'S NAME/CONTACT
INFORMATION (E-MAIL/
PHONE#/FAX#)

Jason Craig / jason@sustainablemidlands.org / 803-470-4302

EVENT NAME/PURPOSE (i.e., St. Patrick's/Charity Fund-raiser)

Tasty Tomato Festival -- Charity Fund-raiser and community celebration of Fresh, Local Food

DATE(S) OF EVENTS:

July 13th, 2019 -- 1pm to 7pm

RAIN CONTINGENCY DATE:

(Rescheduling due to inclement weather is allowed once within one week from the date of the originally scheduled event upon 24-hours written notice to the City, without a new request. The time of event operation shall remain the same.)

This is a rain or shine event.

LOCATION OF EVENT

(i.e., Amphitheater area of Finlay Park; 1300 and 1400 blocks of Main Street between Lady Street and Hampton Street)

Earlewood park.

STREET(S) OR PARK AREA TO BE CLOSED

(i.e., 1300 and 1400 blocks of Main Street between Lady Street and Hampton Street; Amphitheater area of Finlay Park; Boyd Plaza)

Entire Park will be used -- this year's event is free to the public and the park will remain open. However, we would like to close the main street park entrance to automobile traffic

HOURS FOR STREET(S) OR PARK AREA TO BE CLOSED

(i.e., 5:00 p.m. - 12:00 a.m.)

ALLOW TIME FOR SET UP/CLEAN UP

9 am to 9pm

HOURS OF EVENT

(i.e., 6:00 p.m. - 10:00 p.m.)*

1pm to 7pm

HOURS OF SERVICE OF BEER/WINE BEVERAGES ONLY (NO LIQUOR**)

(Service should end one-half hour prior to end of event, i.e., event is 6-10 p.m., beer/wine service is 6-9:30 p.m.)*

1pm to 6:30pm

Requests should be submitted by mail, e-mail or fax at least **NINETY (90) days in advance of the event** to allow for preparation and review of the Resolution and scheduling on Council's agenda. Requests may be sent by e-mail (slardis@columbiasc.net), fax (803-737-4250) or mailed to City Attorney's Office, ATTN: Shari Ardis, POB 667, Columbia, SC 29202. A draft Resolution will be prepared and forwarded for review to the event organizer, as well as to the City departments for coordination of City services and requirements (i.e., Police, Solid Waste, Parks and Recreation, etc.). Approval from the adjoining business/property owners must be obtained before your request will be submitted to City Council if streets are to be closed off during business hours. The event organizer is responsible for obtaining a permit or license if required by the South Carolina Department of Revenue.

***Outdoor possession and consumption of beer and wine beverages only, all outdoor musical performances and use of sound-amplifying devices shall end by 10:00 p.m. due to the proximity of events to residential properties.**

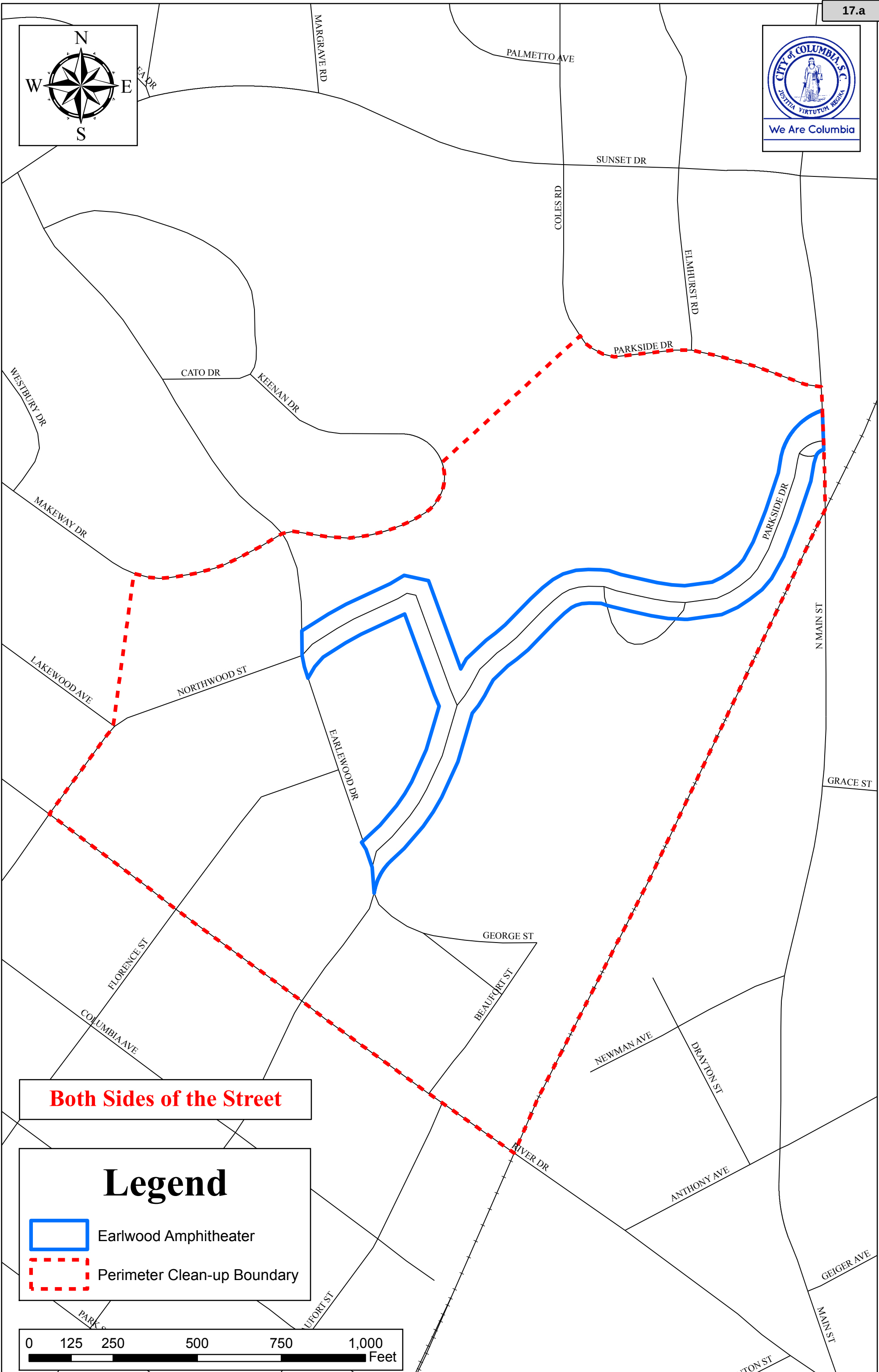
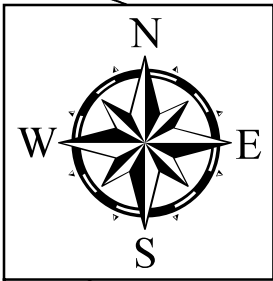
****With the exception of the parks listed in Sec. 15-1 Prohibited acts in parks (8), POSSESSION OF LIQUOR IS STRICTLY PROHIBITED. VIP tents or VIP areas for possession and consumption of alcoholic beverages or alcoholic liquors within the event area are prohibited.**

NOTE: **This form should only be used for public events where beer and/or wine are to be sold and consumed on City property** (i.e., Five After Five, St. Patrick's Festival, Concerts in Finlay Park, etc.).

This form **should not** be used to request use of City property for **private** events (birthday, retirement, anniversary parties, etc.) nor for sidewalk sales or neighborhood block parties. Requests for private events at City parks should be made through the Parks and Recreation Department. Requests for sidewalk sales should be made to the City Manager. Requests for street closings for private neighborhood block parties should be made to the Police Department Special Events and Public Safety.

Fire Marshal George N. Adams, Jr., 803-545-3703; cfdgadams@columbiasc.netLegal Department - Shari Ardis; 803-737-4242; slardis@columbiasc.net or fax 803-737-4250 - resolution preparationPolice Department Special Events - Officer Robert Hall; 803-545-3535; rjhall@columbiasc.net parade permit, policeParks and Recreation - Pearl Osborne; 803-545-3100; peosborne@columbiasc.net park reservationsPolice Department Community Services - Brenda Murphy; 803-545-3507; bmmurphy@columbiasc.net - street closing

Last revised: 1/2017

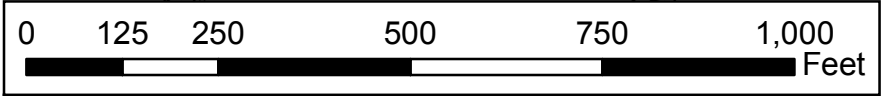


Both Sides of the Street

Legend

Earlwood Amphitheater

Perimeter Clean-up Boundary





We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Legal Department

FROM: *Shari Ardis, Legal Office Manager*

SUBJECT: Resolution No.: R-2019-049 Authorizing consumption of beer and wine only at the Jubilee Festival of Black History and Culture in the 1400 block of Richland Street and 1900 block of Marion Street adjacent to the Mann-Simons House on Saturday, September 21, 2019

FUNDING SOURCE & ORIGINAL BUDGET:

FOCUS AREAS: Attracting & Retaining Talent, Connecting Our Community, Economic Prosperity - Endless Possibilities, Empowering Our Residents

ATTACHMENTS:

- **#a:** R-2019-049 Jubilee Festival (Sept 21) (PDF)

RESOLUTION NO.: R-2019-049

Authorizing consumption of beer and wine only at the Jubilee Festival of Black History and Culture in the 1400 block of Richland Street and 1900 block of Marion Street adjacent to the Mann-Simons House on Saturday, September 21, 2019

WHEREAS, Historic Columbia Foundation ("Sponsor") is sponsoring the Jubilee: Festival of Black History and Culture in the 1400 block of Richland Street and 1900 block of Marion Street adjacent to the Mann-Simons House from 11:00 a.m. until 6:00 p.m. on Saturday, September 21, 2019; and,

WHEREAS, Sponsor has requested permission for the temporary closing and use of the 1400 block of Richland Street and 1900 block of Marion Street adjacent to the Mann-Simons House from 6:00 a.m. until 8:00 p.m. for set up, clean up, and staging of the event to be held on Saturday, September 21, 2019 from 11:00 a.m. until 6:00 p.m.; for patrons to consume beer and wine beverages only during the event hours of 11:00 a.m. until 5:30 p.m.; and for crowd control and overflow; and,

WHEREAS, it has been determined that such an event would be in the public interest; NOW, THEREFORE,

BE IT RESOLVED by the Mayor and Council this ____ day of _____, 2019, that the sale of beer and wine beverages only is authorized between the hours of 11:00 a.m. and 5:30 p.m. on Saturday, September 21, 2019; and,

BE IT FURTHER RESOLVED that all vendors be restricted to stationary location; and,

BE IT FURTHER RESOLVED that outdoor possession and consumption of beer and wine beverages only, all outdoor musical performances and use of sound-amplifying devices shall end by 10:00 p.m. due to the proximity of the event to residential properties; and,

BE IT FURTHER RESOLVED that possession and consumption of alcoholic liquors or alcoholic beverages other than beer and/or wine beverages within the event area is prohibited; and,

BE IT FURTHER RESOLVED that VIP tents or VIP areas for the possession and consumption of alcoholic liquors or alcoholic beverages, other than beer or wine beverages, within the event area are prohibited; and,

BE IT FURTHER RESOLVED that organizer is responsible or shall make arrangements for the clean up of all trash and debris within the festival area and shall place same in the roll carts provided by the City. Any overflow of trash and debris shall be placed in garbage bags with the top securely closed and placed beside the City roll carts. The number of roll carts needed for the event shall be determined by organizer and the City Solid Waste Division prior to the event and placed throughout the event area to ensure that trash and debris are well contained. Roll carts and bagged trash and debris shall be returned to the collection point designated by the City in a timely manner. If the organizer has not opted to use City services to clean up the festival area, any costs incurred by the City in removing loose trash and debris within the festival area, which the organizer has failed to clean up, shall be billed to and paid by the organizer; and,

BE IT FURTHER RESOLVED that only pedestrian traffic will be allowed within the area. All other traffic, including, but not limited to, automobiles, trucks, motorcycles, mopeds, bicycles, skate boards, and horses, except police horses, is prohibited. All pets shall be prohibited. Coolers, glass bottles, breakable glasses and/or cups, large bags and backpacks shall be prohibited; and,

BE IT FURTHER RESOLVED that during the designated time that the closed portion of the of 1400 block of Richland Street and 1900 block of Marion Street adjacent to the Mann-Simons House, with the

exception of the parking area and any other areas posted as to not allow alcoholic beverages, shall be declared to be a Public Park and provisions of Chapter 15, Parks and Recreation, Sec. 15-1, 15-2 and 15-3, Code of Ordinances of the City of Columbia, South Carolina are in effect. Pursuant to Chapter 14, Offenses and Miscellaneous Provisions, Article IV, Offenses Against the Public Peace and Order, Sec. 14-99, 1998 Code of Ordinances of the City of Columbia, South Carolina, the closed portion of the 1400 block of Richland Street and 1900 block of Marion Street adjacent to the Mann-Simons House, with the exception of the parking area and any other areas posted as to not allow alcoholic beverages, is deemed to be the site of a public festival at which beer and wine beverages only may be consumed and the prohibition against possession or consumption of alcoholic beverages set forth in Sec. 14-99 shall not apply. Possession and consumption of beer and wine beverages only shall be permitted only in plastic cups, plastic or aluminum bottles or aluminum cans provided by vendors within the areas designated.

PROVIDED, FURTHER, that the event organizer shall provide the names and cell phone numbers of a least two contact persons who can receive complaints during the event, including any set up and breakdown times. The cell phones shall remain on at all times during the event and during any set up and breakdown time.

PROVIDED, FURTHER, that failure of the event organizer to strictly comply with the time frames and other requirements and responsibilities set forth in this resolution may result in a denial of subsequent requests to allow the event.

PROVIDED, HOWEVER, that no solicitation or transactions be made in violation of Sec. 14-32, 1998 Code of Ordinances of the City of Columbia, South Carolina.

BE IT FURTHER RESOLVED that in the event of inclement weather on September 21, 2019, the City Manager is authorized to approve the rescheduling of the event for another date within one (1) week from the date of the originally scheduled event upon receiving twenty-four (24) hours written notice requesting the rescheduling of the event. The hours of operation for the event, service of beer and wine at the event and closing of streets for set up, clean up and crowd control of the event shall remain as outlined above.

BE IT FURTHER RESOLVED that should the organizer reschedule the event for another date beyond one (1) week from the date of the originally scheduled event, a request for a resolution of City Council approving the new date of the event shall be required.

Requested by:

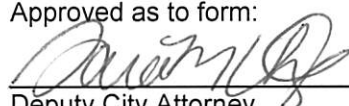
Assistant City Manager Shealy

Mayor

Approved by:

City Manager

Approved as to form:



Deputy City Attorney

ATTEST:

City Clerk

Introduced:

Final Reading:

2-2019-049 19001505

18.a

DATE OF REQUEST	05/20/2019	REQUESTOR'S NAME/CONTACT INFORMATION (E-MAIL/PHONE#/FAX#)	James Quint jqunt@historiccolumbia.org 803-252-1770 ext. 36
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EVENT NAME/PURPOSE (i.e., St. Patrick's/Charity Fund-raiser)	Jubilee Festival of Black History and Culture
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DATE(S) OF EVENTS:	Saturday, Sept. 21st, 2019
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RAIN CONTINGENCY DATE: (Rescheduling due to inclement weather is allowed once within one week from the date of the originally scheduled event upon 24-hours written notice to the City, without a new request. The time of event operation shall remain the same.)	None
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LOCATION OF EVENT (i.e., Amphitheater area of Finlay Park; 1300 and 1400 blocks of Main Street between Lady Street and Hampton Street)	Mann-Simons Site at 1403 Richland Street, Columbia, SC 29201 1400 Block of Richland Street 1900 Block of Marion Street
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STREET(S) OR PARK AREA TO BE CLOSED (i.e., 1300 and 1400 blocks of Main Street between Lady Street and Hampton Street; Amphitheater area of Finlay Park; Boyd Plaza)	1900 Block of Marion Street between Richland and Calhoun Streets 1400 Block of Richland Street between Marion and Bull Streets
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HOURS FOR STREET(S) OR PARK AREA TO BE CLOSED (i.e., 5:00 p.m. - 12:00 a.m.)	6:00am to 8:00pm
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ALLOW TIME FOR SET UP/CLEAN UP	
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HOURS OF EVENT (i.e., 6:00 p.m. - 10:00 p.m.)*	11:00am-6:00pm
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HOURS OF SERVICE OF BEER/WINE BEVERAGES ONLY (NO LIQUOR**) (Service should end one-half hour prior to end of event, i.e., event is 6-10 p.m., beer/wine service is 6-9:30 p.m.)*	11:30am-5:30pm
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Requests should be submitted by mail, e-mail or fax at least **NINETY (90) days in advance of the event** to allow for preparation and review of the Resolution and scheduling on Council's agenda. Requests may be sent by e-mail (slardis@columbiasc.net), fax (803-737-4250) or mailed to City Attorney's Office, ATTN: Shari Ardis, POB 667, Columbia, SC 29202. A draft Resolution will be prepared and forwarded for review to the event organizer, as well as to the City departments for coordination of City services and requirements (i.e., Police, Solid Waste, Parks and Recreation, etc.). Approval from the adjoining business/property owners must be obtained before your request will be submitted to City Council if streets are to be closed off during business hours. The event organizer is responsible for obtaining a permit or license if required by the South Carolina Department of Revenue.

***Outdoor possession and consumption of beer and wine beverages only, all outdoor musical performances and use of sound-amplifying devices shall end by 10:00 p.m. due to the proximity of events to residential properties.**

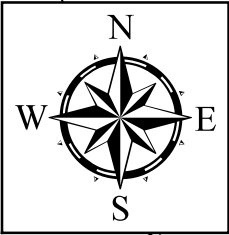
****With the exception of the parks listed in Sec. 15-1 Prohibited acts in parks (8), POSSESSION OF LIQUOR IS STRICTLY PROHIBITED. VIP tents or VIP areas for possession and consumption of alcoholic beverages or alcoholic liquors within the event area are prohibited.**

NOTE: **This form should only be used for public events where beer and/or wine are to be sold and consumed on City property** (i.e., Five After Five, St. Patrick's Festival, Concerts in Finlay Park, etc.).

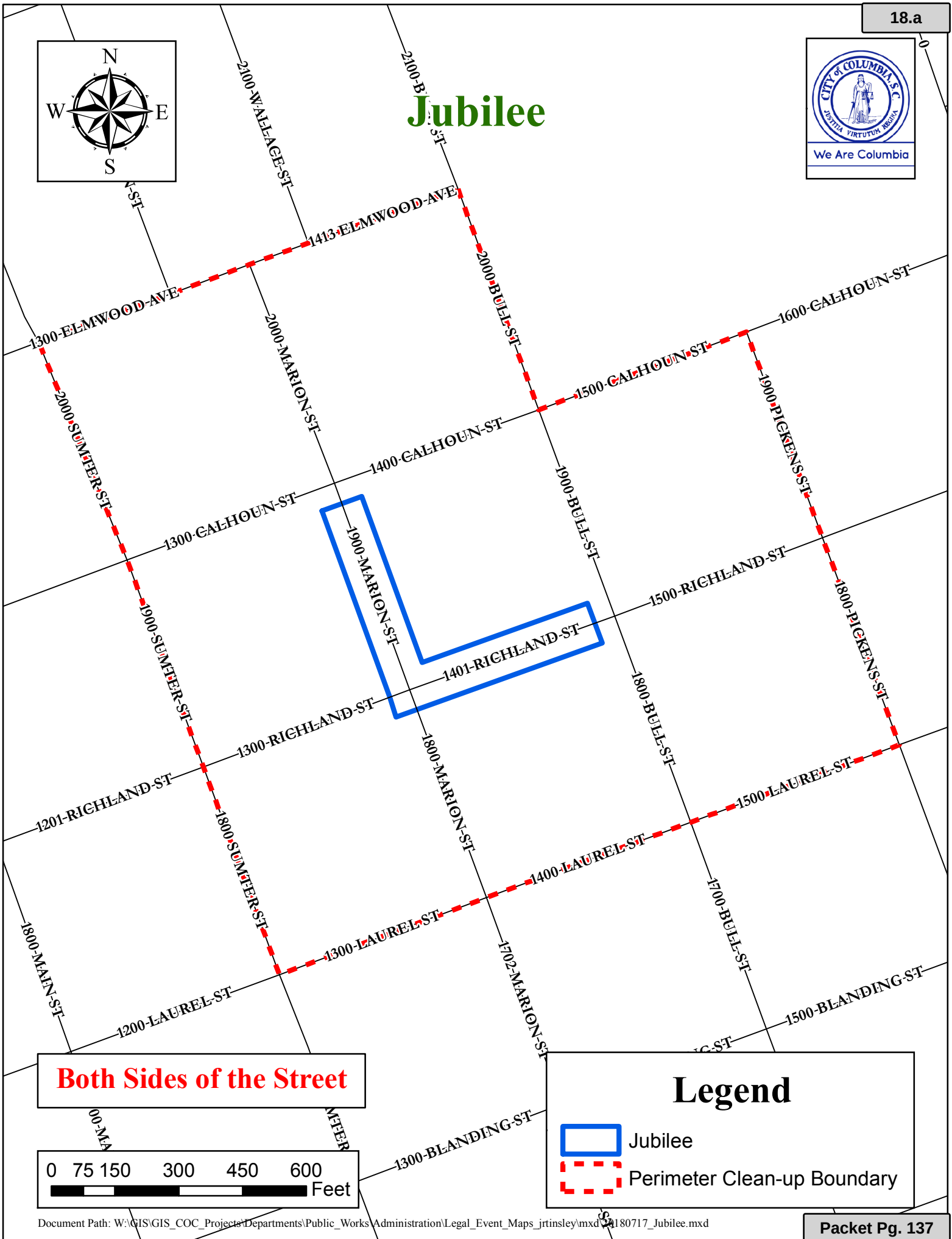
This form **should not** be used to request use of City property for **private** events (birthday, retirement, anniversary parties, etc.) nor for sidewalk sales or neighborhood block parties. Requests for private events at City parks should be made through the Parks and Recreation Department. Requests for sidewalk sales should be made to the City Manager. Requests for street closings for private neighborhood block parties should be made to the Police Department Special Events and Public Safety.

Fire Marshal George N. Adams, Jr., 803-545-3703; cfgdadams@columbiasc.net
 Legal Department - Shari Ardis; 803-737-4242; slardis@columbiasc.net or fax 803-737-4250 - resolution preparation
 Police Department Special Events - Officer Robert Hall; 803-545-3535; rjhall@columbiasc.net parade permit, police
 Parks and Recreation - Pearl Osborne; 803-545-3100; peosborne@columbiasc.net park reservations
 Police Department Community Services - Brenda Murphy; 803-545-3507; bmmurphy@columbiasc.net - street closing

Last revised: 1/2017



Jubilee



Both Sides of the Street

Legend

- Jubilee
- Perimeter Clean-up Boundary

0 75 150 300 450 600 Feet



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Legal Department

FROM: *Shari Ardis, Legal Office Manager*

SUBJECT: Resolution No.: R-2019-052 Authorizing consumption of beer and wine only at the Palmetto Peanut Boil Festival in the 2900 block of Devine Street between Sims Avenue and Olive Street on September 21, 2019 with a rain contingency date of September 28, 2019

**FUNDING SOURCE &
ORIGINAL BUDGET:**

FOCUS AREAS: Connecting Our Community, Economic Prosperity - Endless Possibilities, Empowering Our Residents, Enhancing Columbia's Neighborhoods

ATTACHMENTS:

- **#a:** R-2019-052 Palmetto Peanut Boil (Sept 21) (PDF)

RESOLUTION NO.: R-2019-052

Authorizing consumption of beer and wine beverages only at the Palmetto Peanut Boil Fundraiser on September 21, 2019 with a rain contingency date of September 28, 2019

WHEREAS, the Animal Mission ("Sponsor") is sponsoring the Palmetto Peanut Boil on Saturday, September 21, 2019 with a rain contingency date of September 28, 2019 in the 2900 block of Devine Street between Sims Avenue and Olive Street; and,

WHEREAS, Sponsor has requested permission for the temporary closing and use from 8:00 a.m. until 7:00 p.m. of the 2900 block of Devine Street between Sims Avenue and Olive Street, for set up, clean up, for crowd control and overflow, and staging of the event, to be held on Saturday, September 29, 2018 from 11:00 a.m. until 7:00 p.m.; for patrons to consume beer and wine beverages only at the event during the hours of 11:00 a.m. until 6:30 p.m. on Saturday, September 21, 2019; with a rain date contingency of September 28, 2019; and,

WHEREAS, it has been determined that such an event would be in the public interest; NOW, THEREFORE,

BE IT RESOLVED by the Mayor and Council this ____ day of _____, 2019, that the sale of beer and wine beverages only is authorized between the hours of 11:00 a.m. until 6:30 p.m. on Saturday, September 21, 2019; with a rain date contingency of September 28, 2019; and,

BE IT FURTHER RESOLVED that possession and consumption of alcoholic liquors or alcoholic beverages other than beer and/or wine beverages within the event area is prohibited; and,

BE IT FURTHER RESOLVED that VIP tents or VIP areas for the possession and consumption of alcoholic liquors or alcoholic beverages, other than beer or wine beverages, within the event area are prohibited; and,

BE IT FURTHER RESOLVED that organizer is responsible or shall make arrangements for the cleanup of all trash and debris within the festival area and within the designated area of impact as shown on the attached drawing, and shall place same in the roll carts provided by the City. Any overflow of trash and debris shall be placed in garbage bags with the top securely closed and placed beside the City roll carts. The number of roll carts needed for the event shall be determined by organizer and the City Solid Waste Division prior to the event and placed throughout the event area to ensure that trash and debris are well contained. Roll carts and bagged trash and debris shall be returned to the collection point designated by the City in a timely manner. If the organizer has not opted to use City services to clean up the festival area and within the designated area of impact as shown on the attached drawing, any costs incurred by the City in removing loose trash and debris within the festival area and within the designated area of impact as shown on the attached drawing, which the organizer has failed to clean up, shall be billed to and paid by the organizer; and,

BE IT FURTHER RESOLVED that outdoor possession and consumption of beer and wine beverages only, all outdoor musical performances and use of sound-amplifying devices shall end by 10:00 p.m. due to the proximity of the event to residential properties; and,

BE IT FURTHER RESOLVED that all vendors be restricted to stationary location; and,

BE IT FURTHER RESOLVED that only pedestrian traffic will be allowed within the area. All other traffic, including, but not limited to, automobiles, trucks, motorcycles, mopeds, bicycles, skate boards, and horses, except police horses, is prohibited. All pets shall be prohibited. Coolers, glass bottles, breakable glasses and/or cups, large bags and backpacks shall be prohibited; and,

BE IT FURTHER RESOLVED that during the designated time the closed portion the 2900 block of Devine Street between Sims Avenue and Olive Street, with the exception of the parking areas, adjacent off-street parking areas and any other areas posted as to not allow alcoholic liquors or alcoholic beverages other than beer and/or wine beverages only, is deemed to be the site of a public festival at which only beer and wine beverages may be consumed and the prohibition against possession or consumption of alcoholic beverages set forth in Sec. 14-99 shall not apply as to the possession and consumption of beer and/or wine beverages only. Possession and consumption of beer and wine beverages only shall be permitted only in plastic cups, plastic or aluminum bottles or aluminum cans provided by vendors within the areas designated.

PROVIDED, FURTHER, that the event organizer shall provide the names and cell phone numbers of a least two contact persons who can receive complaints during the event, including any set up and breakdown times. The cell phones shall remain on at all times during the event and during any set up and breakdown time.

PROVIDED, FURTHER, that failure of the event organizer to strictly comply with the time frames and other requirements and responsibilities set forth in this resolution may result in a denial of subsequent requests to allow the event.

PROVIDED, HOWEVER, that no solicitation or transactions be made in violation of Sec. 14-32, 1998 Code of Ordinances of the City of Columbia, South Carolina.

BE IT FURTHER RESOLVED that in the event of inclement weather on Saturday, September 21, 2019, that the closed portion the 2900 block of Devine Street between Sims Avenue and Olive Street shall be closed on Saturday, September 28, 2019. The hours of operation for the event, service of beer and wine at the event and closing of streets for set up, clean up and crowd control of the event shall remain as outlined above.

BE IT FURTHER RESOLVED that should the organizer reschedule the event for another date beyond one (1) week from the date of the originally scheduled event, a request for a resolution of City Council approving the new date of the event shall be required.

Requested by:

Assistant City Manager Shealy

Mayor

Approved by:

City Manager

ATTEST:

Approved as to form:

City Attorney

City Clerk

Introduced:

Final Reading:

DATE OF REQUEST

5/28/19

REQUESTOR'S NAME/CONTACT
INFORMATION (E-MAIL/
PHONE#/FAX#)Jen Coody
The Animal Mission
(803) 479-2096
jen@animalmission.org

19.a

EVENT NAME/PURPOSE (i.e., St. Patrick's/Charity Fund-raiser)

Palmetto Peanut Boil - charity fundraiser

DATE(S) OF EVENTS: (monthly can be on one request)

Saturday September 21st, 2019

RAIN CONTINGENCY DATE:

(Rescheduling due to inclement weather is allowed once within one week from the date of the originally scheduled event upon 24-hours written notice to the City, without a new request. The time of event operation shall remain the same.)

Saturday September 28, 2019

LOCATION OF EVENT

(i.e., Amphitheater area
of Finlay Park; 1300 and 1400 blocks
of Main Street between Lady Street
and Hampton Street)

2900 block of Devine Street, from Sims Avenue to Holly Street

STREET(S) OR PARK AREA TO BE
CLOSED(i.e., 1300 and 1400 blocks of Main
Street between Lady Street and
Hampton Street; Amphitheater area of
Finlay Park; Boyd Plaza)

2900 block of Devine Street, from Sims Avenue to Holly Street

HOURS FOR STREET(S) OR PARK AREA TO
BE CLOSED

(i.e., 5:00 p.m. - 12:00 a.m.)

ALLOW TIME FOR SET UP/CLEAN UP

8am to 7pm

HOURS OF EVENT

(i.e., 6:00 p.m. - 10:00 p.m.)*

11am to 7pm

HOURS OF SERVICE OF BEER/WINE BEVERAGES ONLY (NO LIQUOR**)

(Service should end one-half hour prior to end of event, i.e., event is 6-10 p.m., beer/wine service is 6-9:30 p.m.)*

11am to 6:30pm

Requests should be submitted by mail, e-mail or fax at least **NINETY (90) days in advance of the event** to allow for preparation and review of the Resolution and scheduling on Council's agenda. Requests may be sent by e-mail (slardis@columbiasc.net), fax (803-737-4250) or mailed to City Attorney's Office, ATTN: Shari Ardis, POB 667, Columbia, SC 29202. A draft Resolution will be prepared and forwarded for review to the event organizer, as well as to the City departments for coordination of City services and requirements (i.e., Police, Solid Waste, Parks and Recreation, etc.). Approval from the adjoining business/property owners must be obtained before your request will be submitted to City Council if streets are to be closed off during business hours. The event organizer is responsible for obtaining a permit or license if required by the South Carolina Department of Revenue.

***Outdoor possession and consumption of beer and wine beverages only, all outdoor musical performances and use of sound-amplifying devices shall end by 10:00 p.m. due to the proximity of events to residential properties.**

****With the exception of the parks listed in Sec. 15-1 Prohibited acts in parks (8), POSSESSION OF LIQUOR IS STRICTLY PROHIBITED. VIP tents or VIP areas for possession and consumption of alcoholic beverages or alcoholic liquors within the event area are prohibited.**

NOTE: **This form should only be used for public events where beer and/or wine are to be sold and consumed on City property** (i.e., Five After Five, St. Patrick's Festival, Concerts in Finlay Park, etc.).

This form **should not** be used to request use of City property for **private** events (birthday, retirement, anniversary parties, etc.) nor for sidewalk sales or neighborhood block parties. Requests for private events at City parks should be made through the Parks and Recreation Department. Requests for sidewalk sales should be made to the City Manager. Requests for street closings for private neighborhood block parties should be made to the Police Department Special Events and Public Safety.

Fire Marshal George N. Adams, Jr., 803-545-3703; cfdgadams@columbiasc.net

Legal Department - Shari Ardis; 803-737-4242; slardis@columbiasc.net or fax 803-737-4250 - resolution preparation

Parking Services - Zach Pearce; (803) 545-0287; ztpearce@columbiasc.net - meter bagging

Police Department Special Events - Officer Robert Hall; 803-545-3535; rjhall@columbiasc.net parade permit, police

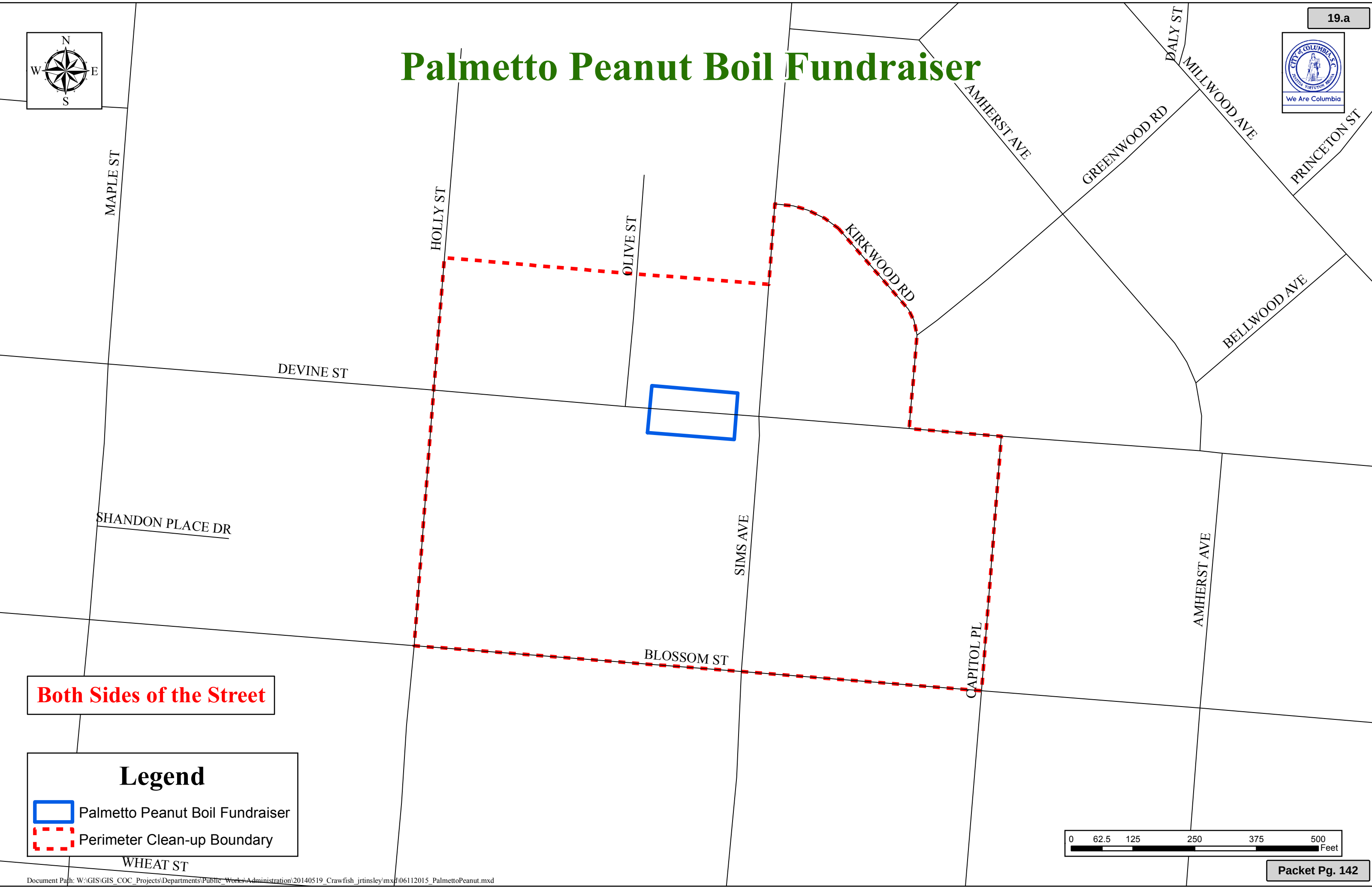
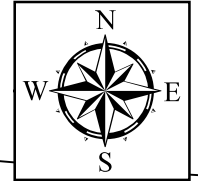
Parks and Recreation - Pearl Osborne; 803-545-3100; peosborne@columbiasc.net park reservations

Police Department Community Services - Brenda Murphy; 803-545-3507; bmmurphy@columbiasc.net - street closing

Last revised: 3/2018



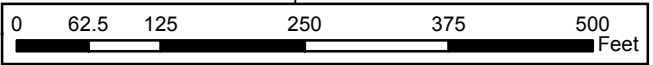
Palmetto Peanut Boil Fundraiser



Both Sides of the Street

Legend

-  Palmetto Peanut Boil Fundraiser
-  Perimeter Clean-up Boundary





We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Legal Department

FROM: *Shari Ardis, Legal Office Manager*

SUBJECT: Ordinance No.: 2019-038 To Raise Revenue and Adopt the Budget for the City of Columbia, South Carolina, for the Fiscal Year ending June 30, 2020

PURPOSE: First reading approval was given on June 11, 2019.

FUNDING SOURCE & ORIGINAL BUDGET:

FOCUS AREAS: Attracting & Retaining Talent, Connecting Our Community, Economic Prosperity - Endless Possibilities, Empowering Our Residents, Planning Together

ATTACHMENTS:

- **#a:** FY1920 Budget Presentation (PDF)
- **#b:** 2019-038 adopt 2019-2020 budget (PDF)
- **#c:** FY 19-20 Proposed Budget 6-7-19 (PDF)

HISTORY:

06/11/19

Columbia City Council

APPROVED ON FIRST READING.

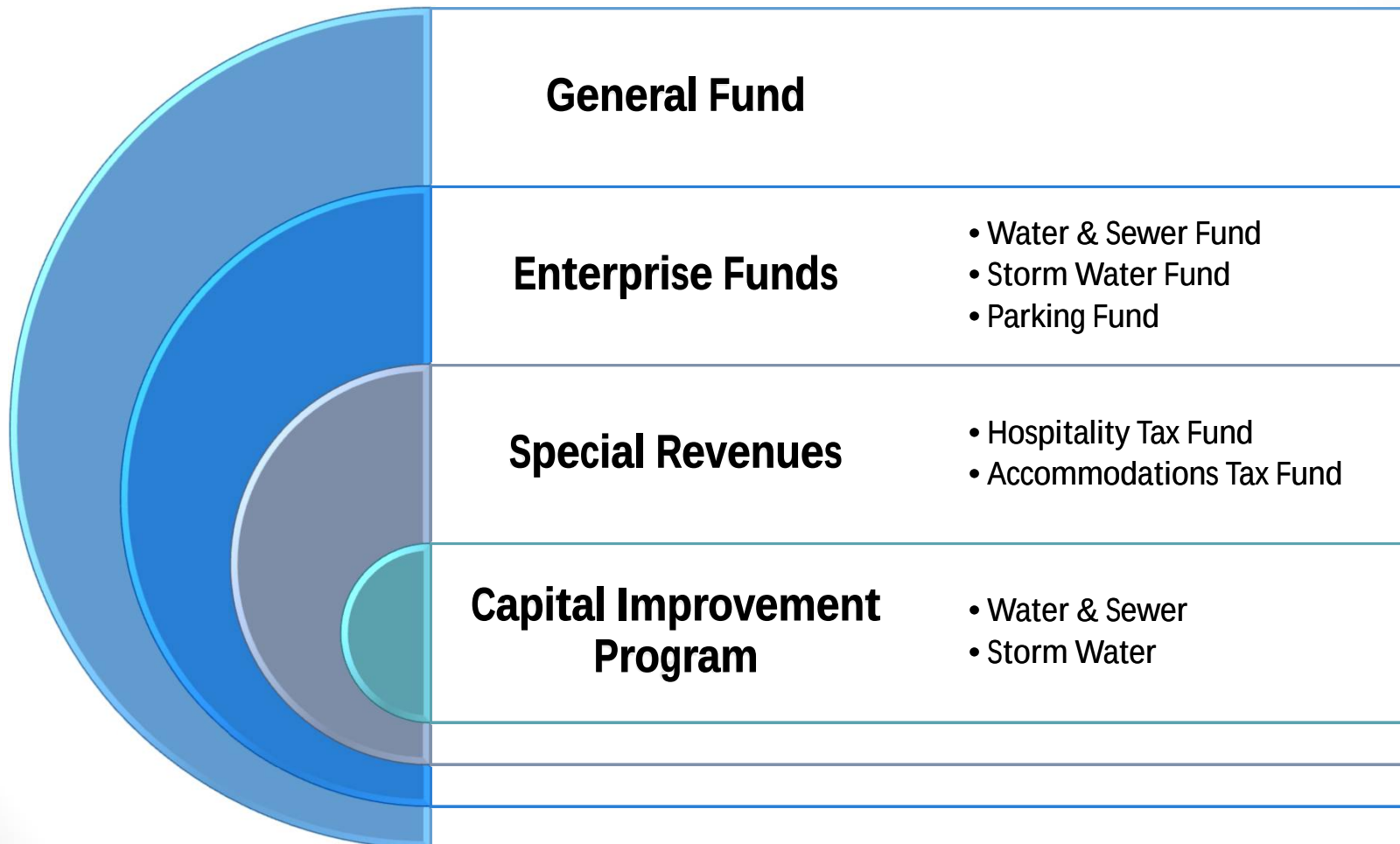
City of Columbia

FY 2019/2020 Proposed Budget
Public Hearing

June 11, 2019



FY 2019/2020 Proposed Budget



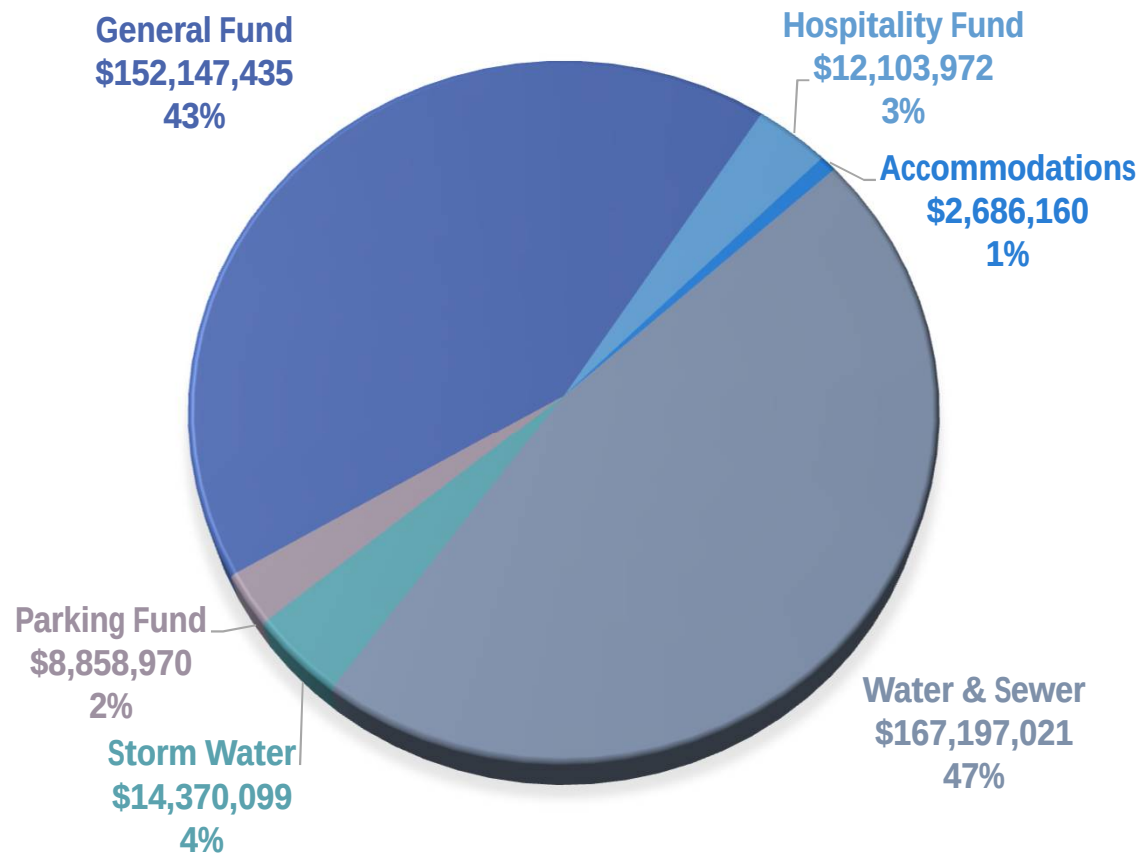
Budget Goals

- Resiliency
 - Providing services today while preparing for the long term.
 - Address infrastructure needs.
- Sustainability
 - Moving beyond a budget that is balanced.
 - Investments in public safety and neighborhood improvement initiatives.
- Providing quality services
 - Providing high quality municipal services, efficiently effectively and responsively is the basis for why we are here.
 - Maintain the competitiveness of the city's compensation plan to attract and retain employees.



FY 2019/2020 Proposed Operating Budget

\$357,363,657





133,000+
Citizens



2,400+
Employees



5,100+
Businesses



13
Police Stations



12
Fire Stations



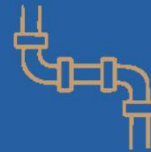
100+
Different Services
& Programs



4,500+
Fire Hydrants



60,000+
Sewer Customers



2,400+
Water Lines



356 MILES
of Storm Drains



140,000+
Water Customers



60 Park Facilities
600+ ACRES



1,125+ MILES
OF Sewer Lines



2 Water Treatment Plants Treating
21+ Billion Gallons Per Year

1 Wastewater Treatment Plant Treating
13+ Billion Gallons Per Year

City of **Columbia**
\$357,363,657

www.columbiasc.gov

Envision Columbia

Our Vision

By 2036, Columbia has captured the new American dream. While embracing our 250-year rich history, we enthusiastically welcome the future. We are proud of our soul, our unique character, our diversity, and our human potential. We stand as a city for all people. As a center of commerce, technology, and education, we have defined our city as one full of vitality and inclusion with a charming and cosmopolitan feel.

Focus Areas

- Attracting & Retaining Talent
- Planning Together
- Connecting our Community
- Empowering our Residents
- Economic Prosperity- Endless Possibilities
- Enhancing Columbia's Neighborhoods
- Leading the Way in Innovative & High Quality Municipal Services

FY 2019/2020

PROPOSED BUDGET



- GENERAL FUND

Envision Columbia

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FY 2019/2020 General Fund

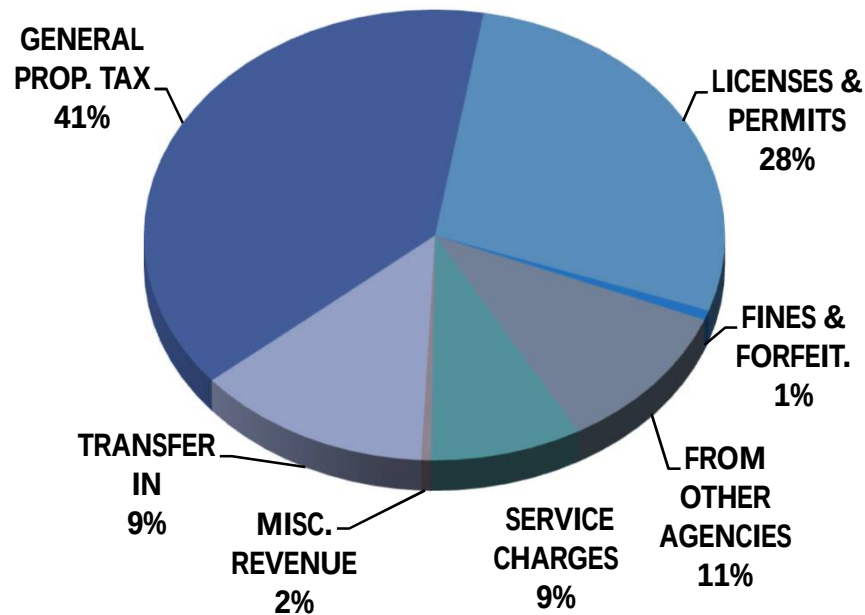
- Total Operating Budget is \$152,147,435; net increase of \$4,046,283; 2.7%
- No increase in property tax rate
 - 2019 Reassessment year – Richland County
 - Lexington County Reassessment in 2020
 - Same rate for past 10 years
- Maintains current service levels

FY 19/20 GENERAL FUND REVENUE

- **Total Proposed Revenues & Transfers In \$152,147,435; an increase of \$4,046,283 or 2.7%**
 - Revenues total \$132,172,755; an increase of \$2,836,817 or 2.2%.
 - Transfers in total \$19,974,680; an increase of \$4,046,283 or 2.7%.
- **Property Taxes revenues are projected at \$59,015,129 and reflect an increase of \$1,601,831 or 2.8%**
 - No proposed tax increase
- **Business License & Permit revenues are projected at \$42,163,401; a net increase of \$722,041, 1.7%.**
 - Reflects a reduction in Franchise Fees of \$1.6 million
- **Service Charges and other revenues total \$14,688,090**
- **Transfers & Other Financing Sources total \$19,974,680; increase of \$1,209,466; 6.4%**
 - Increase in use of Fund Balance, budgeted at \$3,000,000

FY 19/20 Proposed Budget

General Fund-Revenues By Source



REVENUE TYPE	FY 18/19 BUDGET	FY 19/20 PROPOSED	% Change
GENERAL PROPERTY TAX	\$57,413,298	\$59,015,129	2.7%
LICENSES AND PERMITS	\$41,441,360	\$42,163,401	1.7%
FINES & FORFEITURES	\$868,000	\$1,062,800	18.3%
FROM OTHER AGENCIES	\$16,113,090	\$16,326,135	1.3%
CURRENT SERVICE CHARGES	\$12,702,890	\$12,785,490	0.6%
MISC. REVENUE, INTEREST & USE OF PROP.	\$797,300	\$819,800	2.7%
TRANSFERS IN	\$18,765,214	\$19,974,680	6.1%
TOTAL	\$148,101,152	\$152,147,435	2.7%

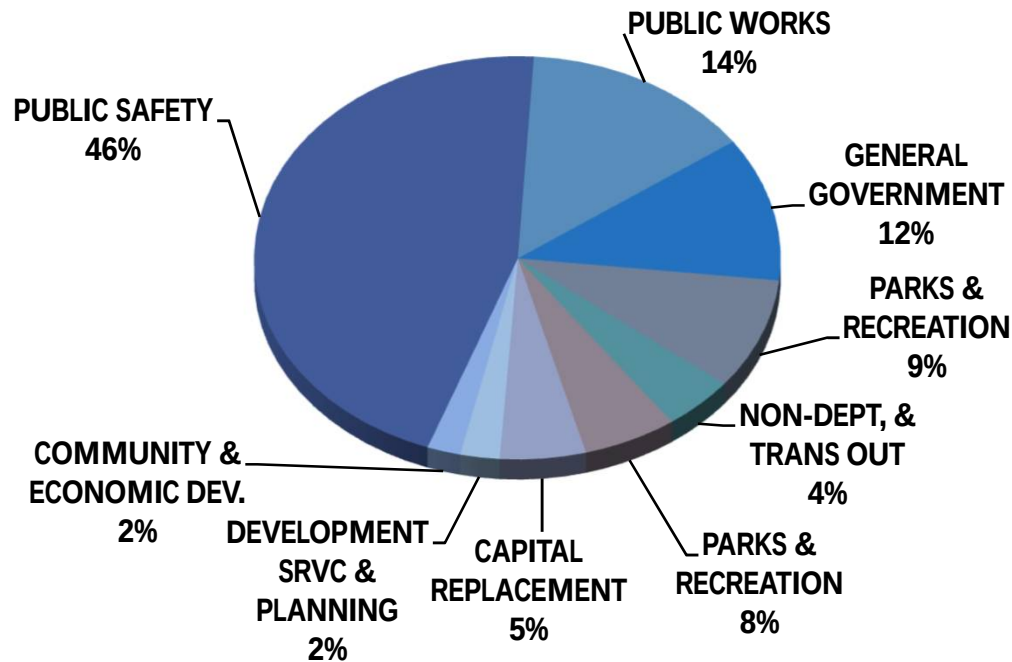
6/12/2019

Envision Columbia

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FY 19/20 Proposed Budget

General Fund – Expenditures



EXPENDITURES	FY 18/19 BUDGET	FY 19/20 PROPOSED	% Change
PUBLIC SAFETY	\$66,824,393	\$69,103,358	3.4%
PUBLIC WORKS	\$21,653,257	\$21,656,109	0.0%
GENERAL GOVERNMENT	\$17,356,576	\$17,565,825	1.2%
PARKS & RECREATION	\$13,324,713	\$13,587,893	2.0%
NON-DEPT, & TRANS OUT	\$5,975,740	\$6,676,009	11.7%
DEBT SERVICE	\$8,377,552	\$8,774,857	4.7%
CAPITAL REPLACEMENT	\$8,000,000	\$8,000,000	0.0%
DEVELOPMENT SRVC & PLANNING	\$3,671,226	\$3,671,319	0.0%
COMMUNITY & ECONOMIC DEV.	\$2,917,695	\$3,112,065	6.7%
TOTAL	\$148,101,152	\$152,147,435	2.7%

6/12/2019

Envision Columbia

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FY 19/20 General Fund Budget Highlights

- Police Services
 - Expanded use of technology
 - Overtime to provide coverage during training, professional development and court attendance
- Residential & Commercial Code Enforcement
 - Focus on proactive code enforcement
 - Continuation of neighborhood improvement initiatives with Public Works
- Municipal Court
 - 2 Court Clerks
 - Facility improvements
 - Review of processes and operations for improved efficiency
- Parks Opening in FY 19/20
 - Saluda River Greenway – 3 miles
 - Bull Street Park – 20 acres
- Business License
 - 1 new Revenue Technician for enforcement of business license ordinance
- Office of Business Opportunities
 - Commercial Redevelopment & Retention Projects; \$100,000 increase
 - 80/20 match for a forgivable loan program that provides funding for improvements along commercial corridor for exterior renovations that are visible from the public right of way.
- Complete Count program to promote the 2020 Census
- Walk Bike Plan – Outreach and Education

FY19/20 General Fund Capital Replacement Program

- Capital Replacement Program \$8,000,000
 - Annual program includes replacement vehicles, heavy equipment and associated cost to outfit vehicles
 - Annualized debt service estimated at \$1,200,000

Total by Department	# of Vehicles/Equip.	FY 19/20 Allocation
Fire	12	\$ 1,646,500
Public Works	17	\$ 1,704,900
Parks & Recreation	13	\$ 675,400
General Services, P&DS, Court	3	\$ 86,000
Police	62	\$ 3,137,200
Technology Replacements		\$ 750,000

FY 2019/2020

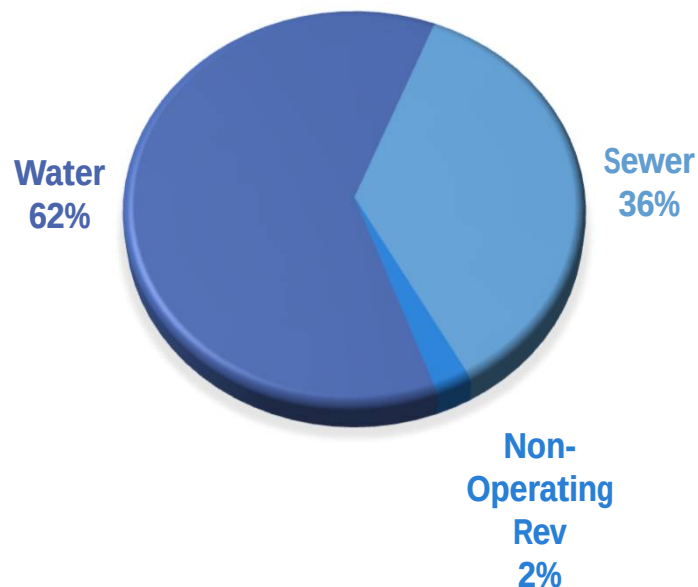
PROPOSED BUDGET



- ENTERPRISE FUNDS
 - WATER & SEWER FUND
 - STORM WATER FUND
 - PARKING FUND

FY 2019/2020 Proposed Budget Water & Sewer Operating

REVENUES



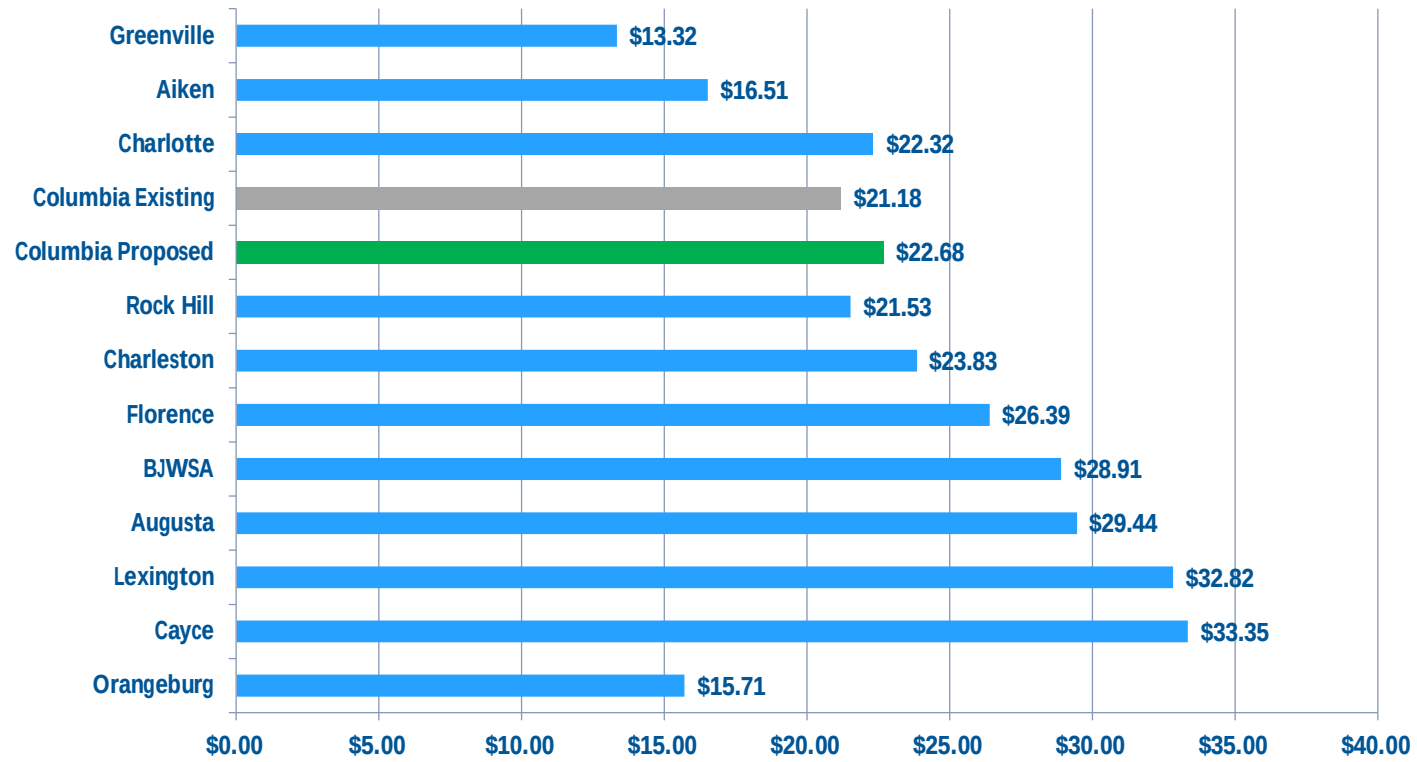
- Revenues total \$167,197,021
 - an increase of \$5,201,021; 3.2%
- Proposed 7.06% rate increase
 - Increase is applied across the Water and Sewer Systems
 - Revenues generated from the proposed 7.06% increase provides funding for Capital Improvement Program and associated debt service
- Maintain the Target Debt Service Coverage Rate – 2.00

Utility Bill Impacts – Residential

		Water			Sewer			Total			
Usage	Usage	Existing	Proposed	Bill Diff	Existing	Proposed	Bill Diff	Existing	Proposed	Bill Diff	Bill Diff
CF	Gallons	\$	\$	%	\$	\$	%	\$	\$	%	\$
0	0	\$ 7.58	\$ 8.12	7.06%	\$ 7.58	\$ 8.12	7.06%	\$ 15.16	\$ 16.23	7.06%	\$ 1.07
100	748	\$ 7.58	\$ 8.12	7.06%	\$ 11.52	\$ 12.33	7.06%	\$ 19.10	\$ 20.45	7.06%	\$ 1.35
200	1,496	\$ 7.58	\$ 8.12	7.06%	\$ 15.46	\$ 16.55	7.06%	\$ 23.04	\$ 24.67	7.06%	\$ 1.63
300	2,244	\$ 7.58	\$ 8.12	7.06%	\$ 19.40	\$ 20.77	7.06%	\$ 26.98	\$ 28.88	7.06%	\$ 1.90
400	2,992	\$ 10.30	\$ 11.03	7.06%	\$ 23.34	\$ 24.99	7.06%	\$ 33.64	\$ 36.01	7.06%	\$ 2.37
500	3,740	\$ 13.02	\$ 13.94	7.06%	\$ 27.28	\$ 29.21	7.06%	\$ 40.30	\$ 43.15	7.06%	\$ 2.85
600	4,488	\$ 15.74	\$ 16.85	7.06%	\$ 31.22	\$ 33.42	7.06%	\$ 46.96	\$ 50.28	7.06%	\$ 3.32
700	5,236	\$ 18.46	\$ 19.76	7.06%	\$ 35.16	\$ 37.64	7.06%	\$ 53.62	\$ 57.41	7.06%	\$ 3.79
Avg. Use	800	\$ 21.18	\$ 22.68	7.06%	\$ 39.10	\$ 41.86	7.06%	\$ 60.28	\$ 64.54	7.06%	\$ 4.26
900	6,732	\$ 23.90	\$ 25.59	7.06%	\$ 43.04	\$ 46.08	7.06%	\$ 66.94	\$ 71.67	7.06%	\$ 4.73
1,000	7,480	\$ 26.62	\$ 28.50	7.06%	\$ 46.98	\$ 50.30	7.06%	\$ 73.60	\$ 78.80	7.06%	\$ 5.20
1,100	8,228	\$ 29.34	\$ 31.41	7.06%	\$ 50.92	\$ 54.51	7.06%	\$ 80.26	\$ 85.93	7.06%	\$ 5.67
1,200	8,976	\$ 32.06	\$ 34.32	7.06%	\$ 54.86	\$ 58.73	7.06%	\$ 86.92	\$ 93.06	7.06%	\$ 6.14
1,300	9,724	\$ 34.78	\$ 37.24	7.06%	\$ 58.80	\$ 62.95	7.06%	\$ 93.58	\$ 100.19	7.06%	\$ 6.61
1,400	10,472	\$ 37.50	\$ 40.15	7.06%	\$ 62.74	\$ 67.17	7.06%	\$ 100.24	\$ 107.32	7.06%	\$ 7.08
1,500	11,220	\$ 40.22	\$ 43.06	7.06%	\$ 66.68	\$ 71.39	7.06%	\$ 106.90	\$ 114.45	7.06%	\$ 7.55
1,600	11,968	\$ 42.94	\$ 45.97	7.06%	\$ 70.62	\$ 75.61	7.06%	\$ 113.56	\$ 121.58	7.06%	\$ 8.02
1,700	12,716	\$ 45.66	\$ 48.88	7.06%	\$ 74.56	\$ 79.82	7.06%	\$ 120.22	\$ 128.71	7.06%	\$ 8.49
1,800	13,464	\$ 48.38	\$ 51.80	7.06%	\$ 78.50	\$ 84.04	7.06%	\$ 126.88	\$ 135.84	7.06%	\$ 8.96
1,900	14,212	\$ 51.10	\$ 54.71	7.06%	\$ 82.44	\$ 88.26	7.06%	\$ 133.54	\$ 142.97	7.06%	\$ 9.43
2,000	14,960	\$ 53.82	\$ 57.62	7.06%	\$ 86.38	\$ 92.48	7.06%	\$ 140.20	\$ 150.10	7.06%	\$ 9.90

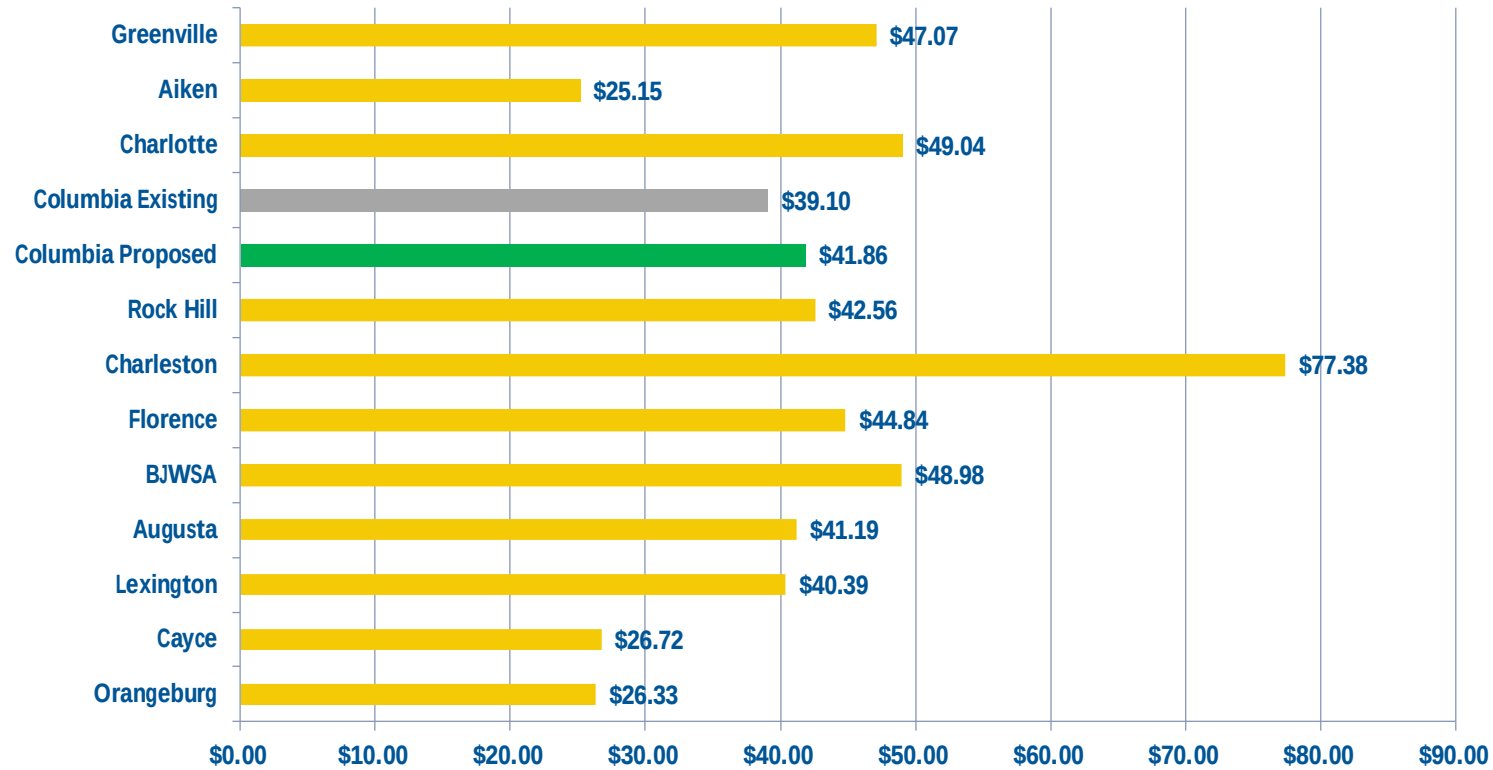
Utility Bill Comparisons – Water Residential

Water Monthly Residential Inside Bill (5,984 Gallons)



Utility Bill Comparisons – Wastewater Residential

Sewer Monthly Residential Inside Bill (5,984 Gallons)



FY 19/20 Proposed Budget

Water & Sewer Operating

- Operating Budgets total \$93,388,903; an increase of \$775,129 or less than 1%
 - Focus on continuing to enhance customer service, maintaining an efficient and effective water and sewer system through technology and process improvements
 - Automated Meter Infrastructure project is underway
 - Mobile service order system implementation underway
 - Improved mapping of water distribution system
 - Staff reorganization, technology initiatives and process improvements are aimed at providing high quality and affordable services to our customers
 - Operating Budgets include costs for annual maintenance projects that are not capital improvement
- Economic Development totals \$1,286,093; an increase of \$13,070, 1%
 - Includes department staffing, operating costs and contracts for partner agencies

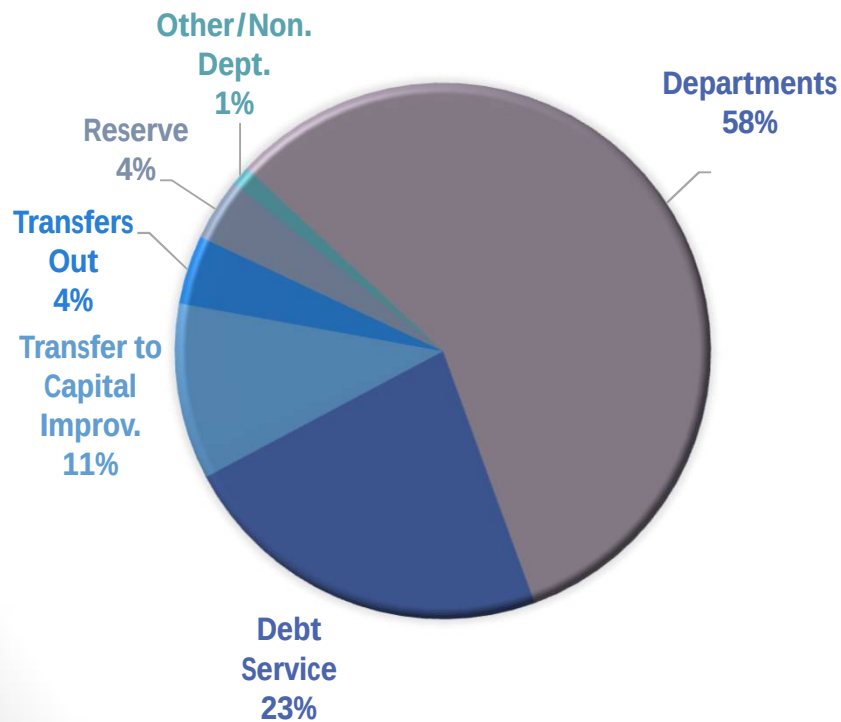
FY 19/20 Proposed Budget Water & Sewer Operating

- Non-Departmental Totals \$48,202,345
 - Net increase of \$7,912,822, 19.6%
 - Debt Service is reflected at \$37,525,517; an increase of \$2,300,769
 - Cash reserves are budgeted at \$8,718,000; an increase of \$3,955,947
- Transfers Out Total \$24,319,980
 - Net reduction of \$3,500,000, 12.6%
 - Includes \$17,500,000 transferred to Capital Improvement Program
 - Indirect Cost Allocation to General Fund maintained at \$4,189,680, based upon services provided by General Fund to the utility system.

FY 2019/2020 Proposed Budget

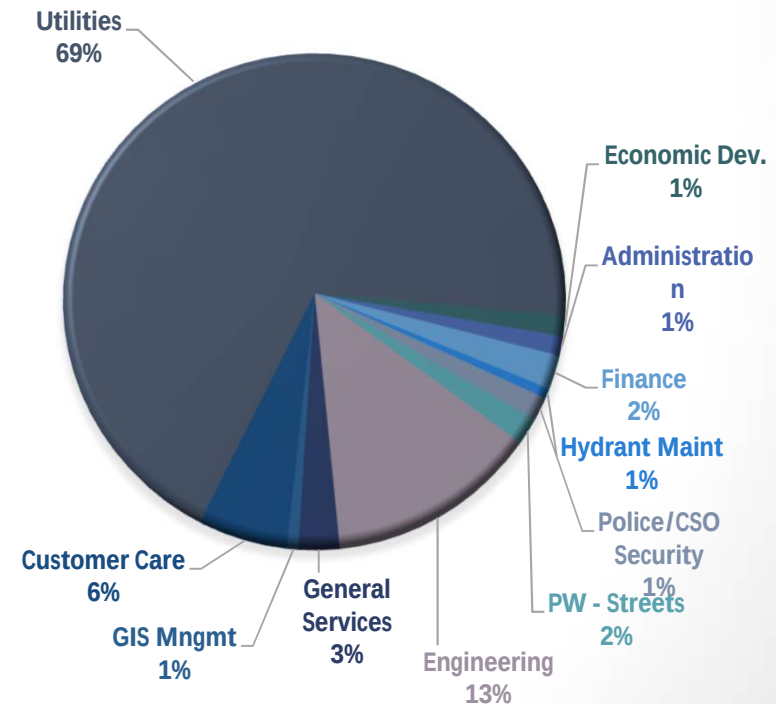
Water & Sewer Operating

TOTAL BUDGET



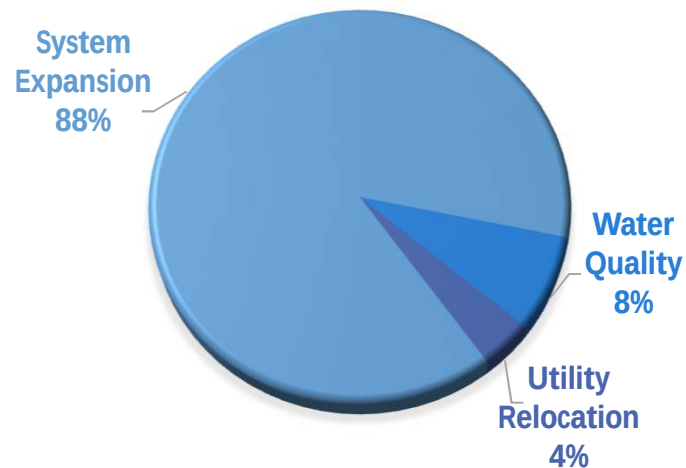
DEPARTMENT BUDGETS

(58% OF TOTAL BUDGET)

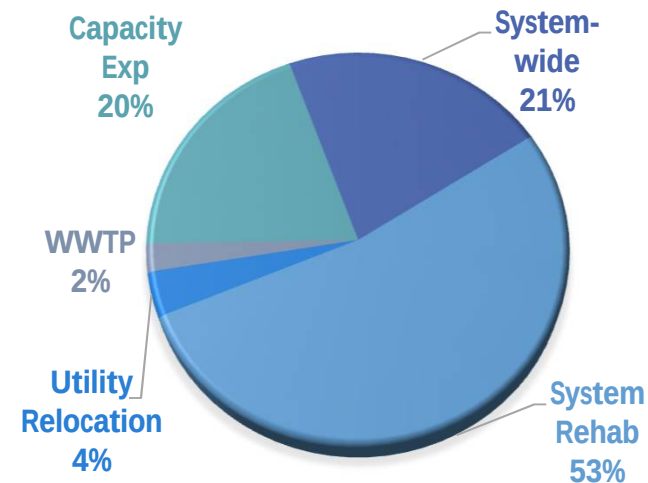


FY 19/20 Water & Sewer Capital Improvement Program

WATER CAPITAL IMPROVEMENT
PROJECTS

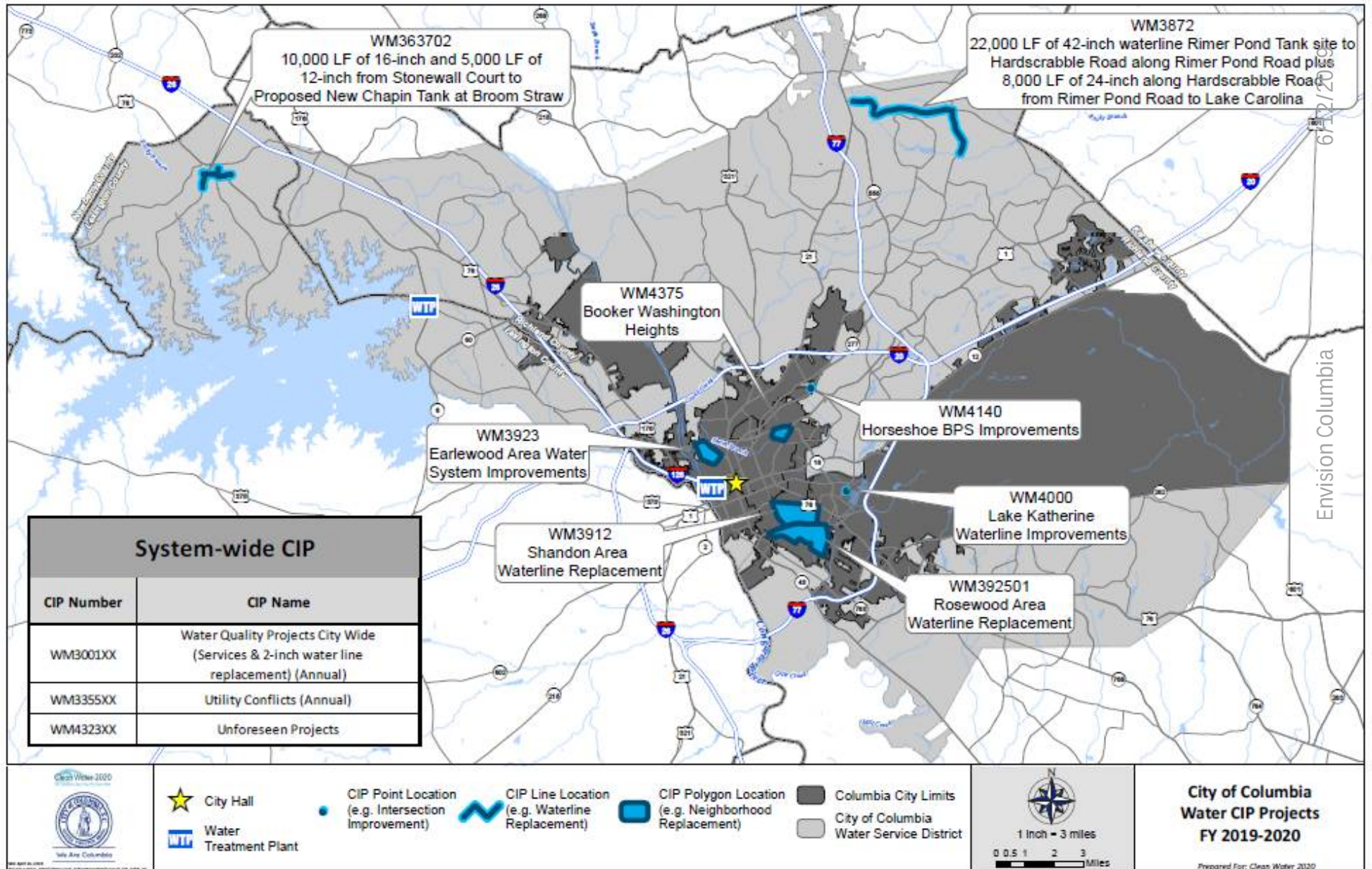


WASTEWATER CAPITAL IMPROVEMENT
PROJECTS

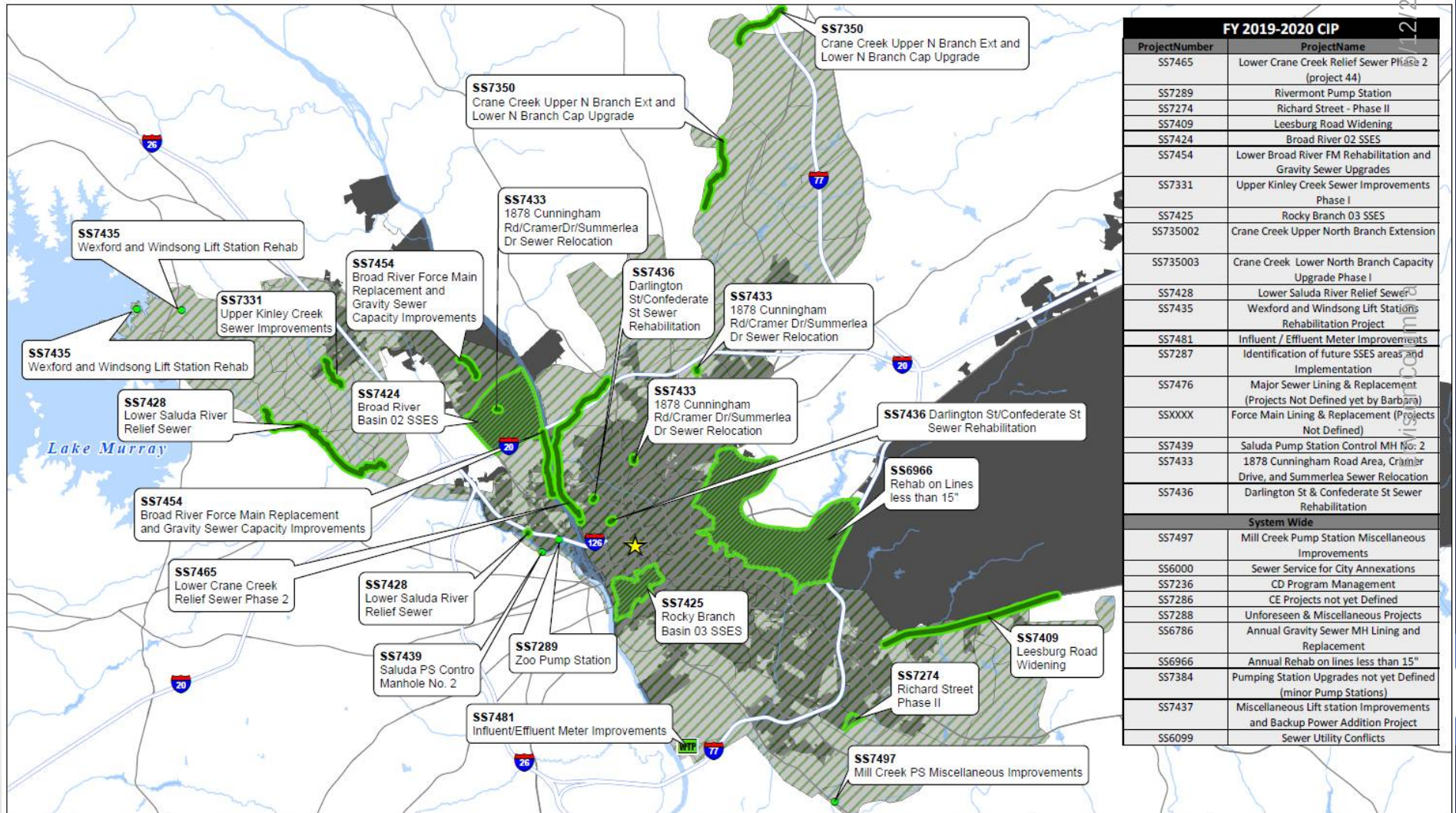


- i FY 19/20 Capital Improvement Program is \$80,000,000
 - § Water CIP \$25.5M
 - § Wastewater \$54.5M
 - § Capital program reflects a priority on Clean Water 2020 programs to meet the EPA Consent Decree requirements, system expansion and water quality

FY 19/20 Water – Capital Projects



FY 19-20 Wastewater Capital Projects



FY 19/20 Proposed Budget Storm Water Operating

Storm Water operating budget proposed budget \$14,370,099

- Increase of \$903,600; 6.7% over the current year budget

REVENUES



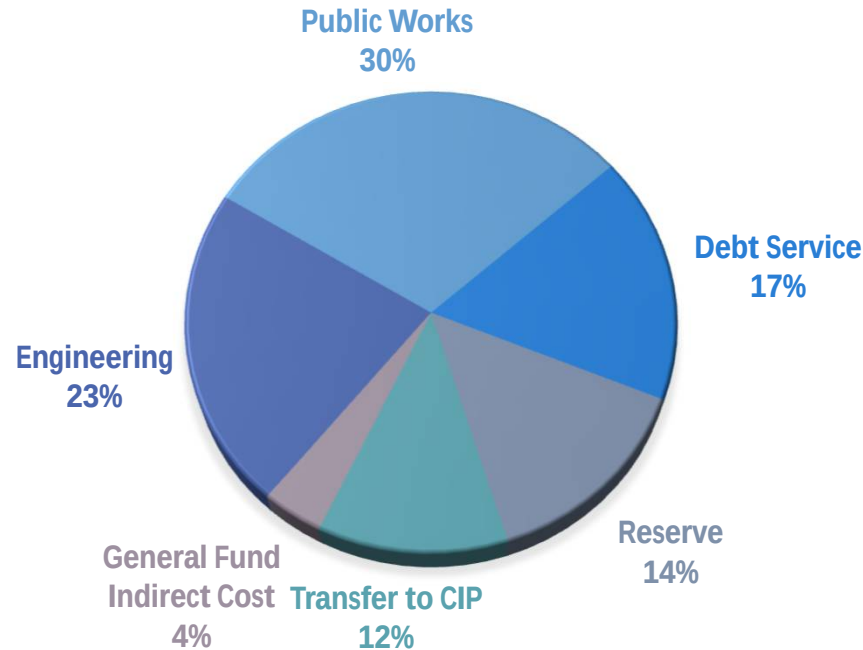
- Budget reflects continuation of proposed rate adjustment for comprehensive storm water improvement program
 - Storm Water fee increases \$.78 per ERU (equivalent residential unit) per month, from \$12.54 to \$13.32 per month
- FY 19/20 Capital Improvement Program is \$30,535,000
 - Funded using \$1,735,000 transfer from Storm Water Operating; remainder from fund balance and bonds
 - Total projected CIP \$96M over the next 5 years
- Operating and capital improvement program focuses on projects that meet the initiatives of alleviating nuisance flooding and promoting water quality

6/12/2019

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FY 19/20 Proposed Budget Storm Water Expenditures



EXPENDITURES	BUDGET FY 18/19	PROPOSED FY19/20
ENGINEERING	3,024,399	3,185,656
PUBLIC WORKS	4,218,479	4,287,438
DEBT SERVICE	2,732,000	2,492,986
RESERVE	2,931,621	2,029,019
TO GENERAL FUND/INDIRECT COST ALLOCATION	560,000	560,000
TO STORM WATER CAPITAL PROJECTS	0	1,735,000
TOTAL	13,466,499	14,370,099

6/12/2019

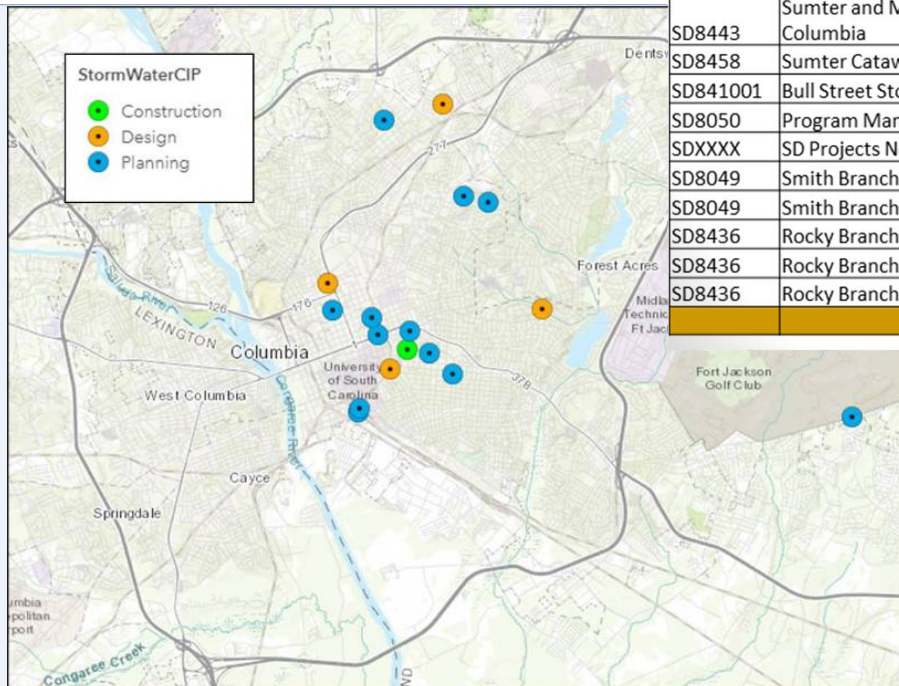
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FY 19/20 Stormwater Capital Improvement Program

FY 19-20 Storm Water Proposed CIP

Project Number	Project Name	Branch	FY 19/20 Plan
SD8013	Eightmile Branch from Danfield to Chinaberry - Northeast of the City off Hwy 1	Eightmile Branch	\$350,000
SD8059B	Randall Avenue - North of the City off N. Main	Smith Branch	\$1,800,000
SD8159	Gregg Street & Gervais Street, Phase 2 - above Five Points	Rocky Branch	\$1,350,000
SD832502	Shandon phase II - East of Five Points	Gills Creek	\$11,500,000
SD8371	Penn Branch - East of the City near Forest Acres	Penn Branch	\$1,000,000
SD8395	Taylor/Washington 60" Improvement - Above Five Points	Rocky Branch	\$1,350,000
SD8439	Whaley and Main upgrade - along Rocky Branch south of USC Campus	Rocky Branch	\$1,350,000
SD8433	MLK/Greg Property Detention - Above Five Points	Rocky Branch	\$700,000
SD8435	Whaley at Railroad Crossing - along Rocky Branch south of USC Campus	Rocky Branch	\$900,000
SD8443	Sumter and Marion Streets Bio-retention Bumpouts - Downtown Columbia	Smith Branch	\$1,260,000
SD8458	Sumter Catawba Detention - along Rocky Branch south of USC campus	Rocky Branch	\$975,000
SD841001	Bull Street Storm Drainage Improvements	Smith Branch	\$1,000,000
SD8050	Program Management for Bond	ALL	\$1,000,000
SDXXXX	SD Projects Not Defined	All	\$1,000,000
SD8049	Smith Branch Drainage Area - Tier 1	Smith Branch	\$1,000,000
SD8049	Smith Branch Drainage Area - Tier 3	Smith Branch	\$1,000,000
SD8436	Rocky Branch Watershed Plan Tier 1	Rocky Branch	\$1,000,000
SD8436	Rocky Branch Watershed Plan Tier 2	Rocky Branch	\$1,000,000
SD8436	Rocky Branch Watershed Plan Tier 3	Rocky Branch	\$1,000,000
Storm Water Totals			\$30,535,000



FY 19/20 Proposed Budget Parking Operating Fund

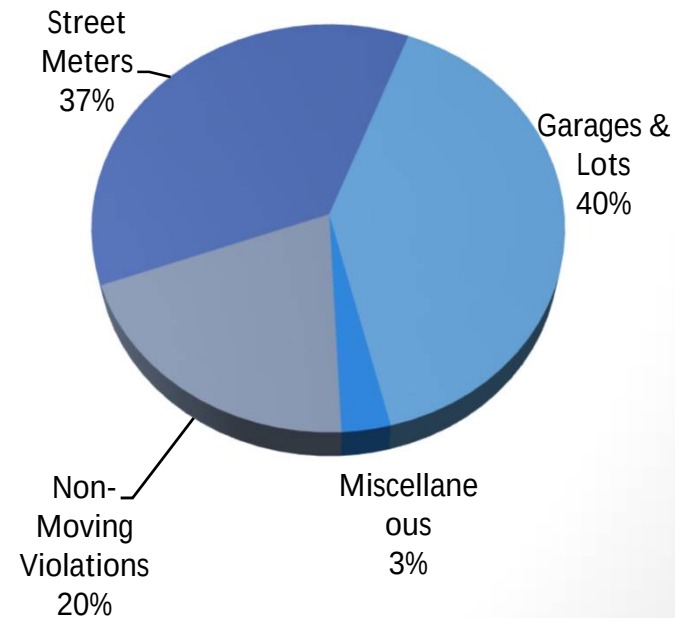
Parking Fund proposed budget \$8,858,970

- Net increase of \$165,982; 2% over the current year budget

Revenues

- Operating revenues total \$8,538,573; an increase of \$515,197; 6%
- Parking Garages & Parking Meters revenues make up the majority of the increase
- Increases in parking meter revenues is attributed primarily to the use of the Passport Mobile Parking App
- Non-Moving Violations (parking tickets) collections are down from prior years, also attributed to use of the Passport app and other customer enhanced ways to pay for parking.
- Use of fund balance \$96,797; a reduction of \$344,215 from current year

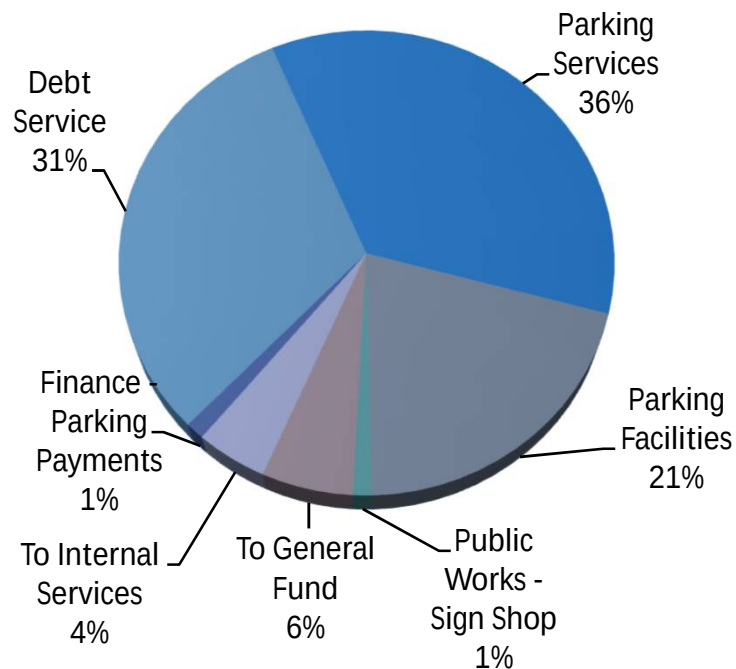
Revenues By Source



FY 19/20 Proposed Budget

Parking Operating Fund

Expenditures By Function



Expenditures

- Operating departments total \$5,155,011; an increase of \$195,467 or 4%
- Parking Services totals \$3,089,600; no change from current year budget
- Parking Facilities totals \$1,781,081; increase of \$121,544 or 7%
 - Addition of annual support of cloud hosted solution of new parking control equipment
 - Addition of Devine Street Garage
- Debt Services \$2,706,95; a reduction of \$100,000 from previous year

FY 2019/2020

PROPOSED BUDGET



SPECIAL REVENUE FUNDS

- Hospitality Tax
- Accommodations Tax

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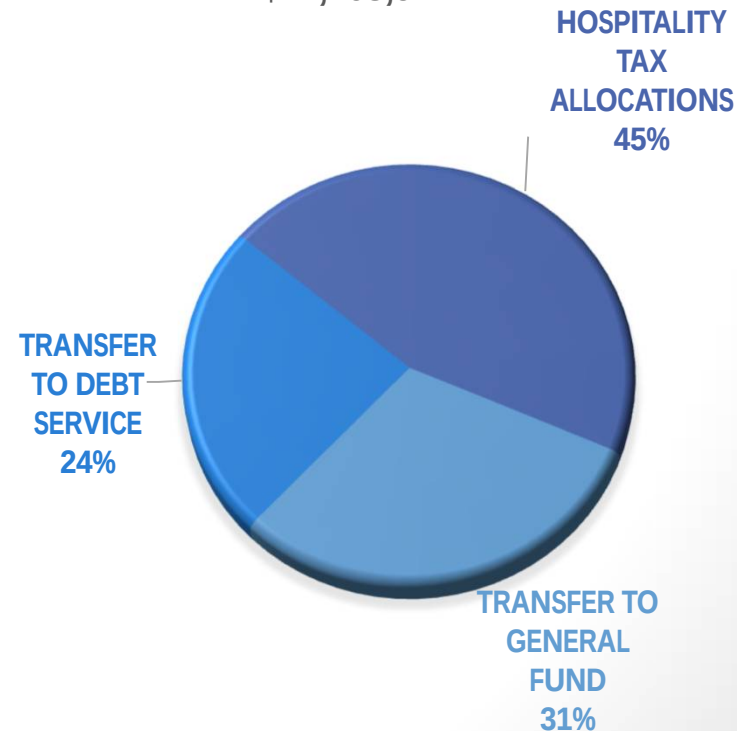
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FY 19/20 Proposed Budget Hospitality Tax

Hospitality Tax Proposed Budget \$12,103,972

- No change from current year
-
- 4 designated funding categories:
 - Committee Allocation funding proposed at \$2,109,500; same as current year
 - Line Item Agencies reflected at current year levels
 - Requests for increases from line item agencies not addressed at this time
 - City Council Allocations reflect commitments made in prior years and one new request
 - Transfer Out reflect a slight increase based upon the debt service schedule; no change in the transfer to the General Fund
 - Limited revenue growth and maintaining of prior multi-year commitments, limits opportunity to fund other major initiatives

FY 19/20 HOSPITALITY TAX BUDGET \$12,103,972



FY 19/20 Proposed Budget Accommodations Tax

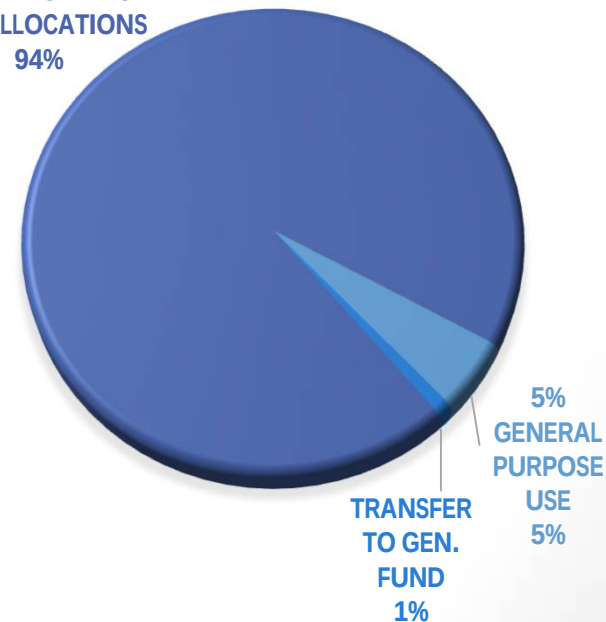
Accommodations Tax proposed budget \$2,686,160

- Approximate \$90,000 or 3.5% increase over current year budget

- Accommodations Tax allocations are based upon requirements of SC State law
 - \$25,000 transfer to the General Fund
 - 30% allocated for advertising and promotion of tourism
 - 65% allocated for tourism related expenditures
 - 5% for general purposes.
- Committee Allocations is based upon prior Council direction of 85% to Experience Columbia and 15% to Lake Murray
 - Final allocations are subject to City Council approval
- 5% Allocations do not reflect any specific allocations, however historically these funds are allocated to Together We Can read initiative and ONEColumbia's General Fund portion of their funding

FY 19/20 ACCOMMODATIONS TAX
EXPENDITURES
\$2,686,160

ACCOMMODATION
TAX ALLOCATIONS
94%

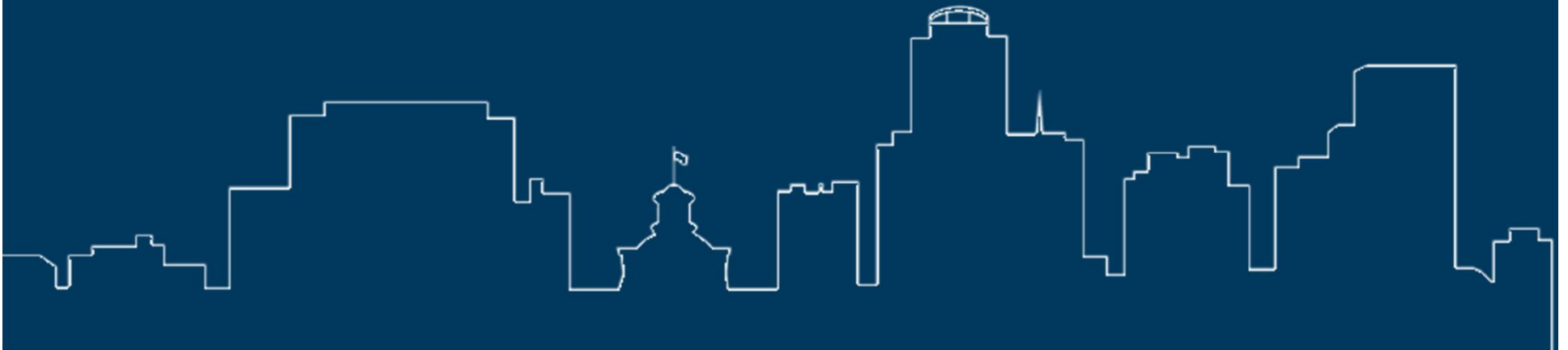


6/12/2019

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Thank you!



We Are Columbia



We are Columbia!
www.columbiasc.gov

ORDINANCE NO.: 2019-038

*To Raise Revenue and Adopt the Budget for the City of Columbia, South Carolina,
for the Fiscal Year ending June 30, 2020*

BE IT ORDAINED by the Mayor and Council this ____ day of _____, 2019 as follows:

Section 1. That a tax to cover the period from the first day of July 2019, to the thirtieth day of June 2020, both inclusive, for the sums and in the manner hereinafter mentioned, is and shall be levied, collected and paid into the treasury of Richland and Lexington Counties, South Carolina, for the credit to The City of Columbia, South Carolina, for the use and service thereof; that is to say, a tax rate of ninety-eight and one tenth (98.1) mills, on the value of all real estate and personal property of every description owned and used in The City of Columbia, South Carolina, except such as is exempt from taxation under the Constitution and law of the State of South Carolina, is and shall be levied and paid into the County Treasury for the credit to The City of Columbia for the corporate purposes, permanent improvements, for the purpose of paying current expenses, and for the payment of interest and retiring outstanding bonds of the said City. Such tax is levied on such property as assessed for taxation for County and State purposes.

Section 2. That the budget heretofore adopted by the City Council and the estimated revenue for the payment of same is hereby adopted and is hereby made a part hereof as fully as if incorporated herein and a copy thereof is attached hereto.

Section 3. That the billing dates, the penalty dates, and the amount of penalty which shall be levied for delinquent taxes shall be the same as those established by Richland and Lexington Counties pursuant to State Law.

Section 4. That the City Manager shall administer the budget and may authorize the following to achieve the goals of this budget:

- a. Authorize the transfer of appropriated funds within and between departments and funds as necessary.
- b. Controls shall be made by fund appropriation.
- c. Designate continuing projects from fund balances.

Encumbrances will be carried over to the next year as a reserve to the fund balance.

Expenditures approved by council shall automatically carry amendments to fund appropriation where necessary.

Section 5. If for any reason any sentence, clause or provision of this ordinance shall be declared invalid, such shall not affect the remaining provisions hereof.

Requested by:

City Manager _____

Mayor _____

Approved by:

City Manager _____

Approved as to form:

Senior Assistant City Attorney

ATTEST:

City Clerk _____

Public Hearing:

Introduced:

Final Reading:



FY 2019/2020 Proposed Operating Budget Summaries

General Fund
Water & Sewer Operating
Storm Water Operating
Parking Fund
Hospitality Tax
Accommodations Tax



GENERAL FUND SUMMARY

PROPOSED FY 2019/2020

	ACTUAL FY 17/18	BUDGET FY 18/19	PROPOSED FY 19/20	DIFFERENCE	% CHANGE
REVENUE					
GENERAL PROPERTY TAX	55,857,361	57,413,298	59,015,129		
LICENSES AND PERMITS	40,794,140	41,441,360	42,163,401		
FROM OTHER AGENCIES	15,707,565	16,113,090	16,326,135		
CURRENT SERVICE CHARGES	12,752,823	12,702,890	12,785,490		
FINES & FORFEITURES	711,132	868,000	1,062,800		
MISCELLANEOUS REVENUE	300,798	200,300	225,300		
INTEREST ON INVESTMENT	53,817	200,000	197,500		
RENTS & SALE OF PROPERTY	353,032	397,000	397,000		
TOTAL REVENUE	126,530,668	129,335,938	132,172,755	2,836,817	2.2%
TRANSFERS IN					
FROM OTHER FUNDS	5,061,994	-	-		
FROM ACCOMMODATIONS TAX	25,000	25,000	25,000		
FROM HOSPITALITY TAX	3,700,000	3,700,000	3,700,000		
FROM CAPITAL LEASE PROCEEDS	348,539	8,000,000	8,000,000		
FROM PARKING FUND	500,000	500,000	500,000		
FROM WATER & SEWER OPERATING	4,189,680	4,189,680	4,189,680		
FROM STORM WATER	560,000	560,000	560,000		
FROM UN-APPROPRIATED SURPLUS	-	1,790,534	3,000,000		
TOTAL TRANSFERS IN	14,385,213	18,765,214	19,974,680	1,209,466	6.4%
TOTAL GENERAL FUND REV & TRANS	140,915,881	148,101,152	152,147,435	4,046,283	2.7%
DEPARTMENTS					
LEGISLATIVE - MAYOR & CITY COUNCIL	769,973	809,508	809,674		
ADMINISTRATION - CITY MANAGER	574,289	655,463	714,175		
GOVERNMENTAL AFFAIRS	446,005	395,306	398,881		
ADMINISTRATION - ACM DEVELOPMENT & COMMUNITY SRVCS	416,142	472,505	487,766		
ADMINISTRATION - ACM CHIEF FINANCIAL OFFICER	208,170	233,058	237,304		
ADMINISTRATION - ACM	288,098	175,476	175,476		
HUMAN RESOURCES	1,086,648	1,135,948	1,166,596		
BUDGET & PROGRAM MANAGEMENT OFFICE	342,784	389,558	392,790		
PUBLIC RELATIONS	764,945	783,240	807,344		
COUNCIL SUPPORT SERVICES	507,910	390,715	535,799		
LEGAL	2,027,009	2,198,111	2,277,051		
CENTRAL GOVERNMENT	7,431,973	7,638,888	8,002,857		
MUNICIPAL COURT	2,670,450	2,846,485	2,614,118		
FINANCE	1,838,567	2,053,259	2,105,975		
OFFICE OF BUSINESS OPPORTUNITIES	832,950	927,364	1,071,727		
COMMUNITY DEVELOPMENT	321,533	376,180	392,833		
PLANNING & DEV. SERVICES	3,301,142	3,671,226	3,671,319		
POLICE	42,325,905	40,165,765	42,366,353		
EMERGENCY MANAGEMENT	274,521	597,984	604,506		
911 EMERGENCY COMMUNICATIONS	3,059,402	3,058,656	3,098,158		
FIRE	22,589,334	23,599,972	23,638,847		
PARKS & RECREATION	12,421,265	13,324,713	13,587,893		
PUBLIC WORKS	19,320,236	21,653,257	21,656,109		
INFORMATION TECHNOLOGY	3,822,913	4,219,960	4,238,369		
COLA / MERITS	-	-	910,269		
TOTAL DEPARTMENT	120,210,191	124,133,709	127,959,333	3,825,624	3.1%
NON-DEPARTMENTAL & MISC.					
COUNCIL REQUESTED PROJECTS	-	300,000	-		
COMMUNITY PROMOTIONS	195,007	-	-		
CAPITAL LEASE PURCHASE	2,354,193	3,421,952	5,106,644		
SOLICITOR'S OFFICE	161,863	215,817	215,817		
PUBLIC DEFENDER	100,000	100,000	100,000		
HOMELESS SERVICES	983,754	1,000,000	1,000,000		
DETENTION CENTER PER DIEM	430,605	600,000	600,000		
NON-DEPARTMENTAL & MISC.	38,537	40,000	40,000		
OFFICE SPACE LEASE - 1225 LADY STREET	631,069	550,000	640,000		
TOTAL NON-DEPARTMENTAL	4,895,028	6,227,769	7,702,461	1,474,692	23.7%
TOTAL EXPENDITURES	125,105,219	130,361,478	135,661,794	5,300,316	4.1%
TRANSFERS OUT					
TO INTERNAL SERVICE FUNDS	3,195,232	3,169,923	3,169,923		
TO DEBT SERVICE	5,814,150	4,955,600	3,668,213		
TO COMPONENT UNIT	1,571,679	1,614,151	1,647,505		
TO GRANTS	384,444	-	-		
TO CAPITAL IMPROVEMENTS	297,159	-	-		
TO CAPITAL REPLACEMENTS	-	8,000,000	8,000,000		
TOTAL TRANSFERS OUT	11,262,664	17,739,674	16,485,641	(1,254,033)	-7.1%
TOTAL BUDGET	136,367,883	148,101,152	152,147,435	4,046,283	2.7%
TOTAL SURPLUS/(DEFICIT)	4,547,998	0	0		

WATER/SEWER OPERATING FUND SUMMARY
PROPOSED FY 2019/2020

REVENUE

	ACTUAL FY 17/18	BUDGET FY 18/19	PROPOSED FY 19/20	Increase / (Decrease)	% Change
WATER SALES	83,533,964	97,402,576	102,504,614		
SEWER SALES	51,039,118	62,062,997	59,863,937		
MISCELLANEOUS REVENUE	79,872	45,042	45,042		
FINES AND FORFEITURES	679,032	656,500	656,500		
TOTAL OPERATING REVENUES	135,331,986	160,167,115	163,070,093	2,902,978	1.8%
<u>NON-OPERATING REVENUE & TRANSFERS IN</u>					
INTEREST	1,696,590	1,666,557	3,964,600		
RENTS & USE OF PROPERTY	(41,308)	162,328	162,328		
CONTRIBUTED CAPITAL	5,817,810	0	0		
TOTAL NON-OPERATING REVENUES	7,473,092	1,828,885	4,126,928	2,298,043	125.7%
TOTAL REVENUE & TRANSFERS IN	142,805,078	161,996,000	167,197,021	5,201,021	3.2%

EXPENDITURES**Operating Departments & Non-Departmental**

ADMINISTRATION	968	921,602	1,175,919		
CUSTOMER CARE CENTER	3,994,275	4,962,543	5,229,303		
FINANCE	1,684,602	2,042,612	2,060,166		
FIRE HYDRANT MAINTENANCE	557,846	688,926	613,190		
POLICE - CSO/PUBLIC SAFETY	826,363	1,382,177	1,408,674		
PUBLIC WORKS-STREET REPAIR	928,072	1,560,023	1,621,015		
GENERAL SERVICES PUBLIC BLDGS.	1,856,540	2,318,883	2,387,784		
GIS MANAGEMENT	501,707	636,302	656,966		
UTILITIES	47,038,741	65,693,068	64,739,318		
ENGINEERING	11,543,822	12,407,638	12,496,568		
COLA / MERITS	0		1,000,000		
TOTAL OPERATING	68,932,936	92,613,774	93,388,903	775,129	0.8%

Non-Operating Departments & Non-Departmental

ECONOMIC DEV DEPARTMENT	954,761	1,273,023	1,286,093		
TOTAL NON-OPERATING DEPARTMENTS	954,761	1,273,023	1,286,093	13,070	1.0%
DEPRECIATION	39,532,110				
DEBT SERVICE	22,108,171	35,224,748	37,525,517		
ECONOMIC DEV SPECIAL PROJECTS	53,500	78,500	78,500		
TECHNOLOGY REPLACEMENTS	32,656	150,000	1,000,000		
NON-DEPARTMENTAL	50,750	85,000	85,000		
BAD DEBT	3,065,605	795,328	795,328		
RESERVE	0	3,955,947	8,718,000		
TOTAL NON-DEPARTMENTAL OPERATING	64,842,792	40,289,523	48,202,345	7,912,822	19.6%

TRANSFERS OUT

TO GENERAL FUND/INDIRECT COST ALLOCATION	4,189,680	4,189,680	4,189,680		
TO WATER/SEWER CAPITAL IMP.		21,500,000	17,500,000		
TO INTERNAL SERVICE FUNDS	2,628,969	2,130,000	2,630,000		
TOTAL TRANSFERS	6,818,649	27,819,680	24,319,680	(3,500,000)	-12.6%
TOTAL BUDGET	141,549,138	161,996,000	167,197,021	5,201,021	3.2%
TOTAL SURPLUS/(DEFICIT)	1,255,940	0	0		

STORM WATER OPERATING SUMMARY
PROPOSED FY 2019/2020

	ACTUAL FY 17/18	BUDGET FY 18/19	PROPOSED FY 19/20	Increase / (Decrease)	% Change
<u>REVENUE</u>					
<u>Operating Revenue</u>					
STORM WATER FEE	12,667,731	13,378,499	13,988,299	609,800	4.6%
STORM WATER REVIEW	20,450	20,000	20,000		
STORM WATER INSPECTIONS	11,100	15,000	15,000		
TOTAL OPERATING REVENUES	12,699,281	13,413,499	14,023,299	609,800	4.5%
<u>Non-operating Revenue & Transfers</u>					
INTEREST & USE OF PROPERTY	168,334	53,000	117,300		
FROM FUND BALANCE	1,879,480	0	229,500		
TOTAL NON-OPERATING REVENUES	2,047,813	53,000	346,800		
TOTAL REVENUES & TRANSFERS IN	14,747,095	13,466,499	14,370,099	903,600	6.7%
<u>EXPENDITURES</u>					
<u>DEPARTMENTS</u>					
ENGINEERING	1,678,971	3,024,399	3,185,656		
PUBLIC WORKS	2,557,825	4,218,479	4,287,438		
COLA/MERIT			80,000		
TOTAL DEPARTMENTS	4,236,796	7,242,878	7,553,094	310,216	4.3%
<u>NON-DEPARTMENTAL EXPENSES</u>					
DEPRECIATION	1,130,886				
DEBT SERVICE		2,732,000	2,492,986		
NON-DEPARTMENTAL/MISC.	145,375				
BAD DEBT	2,788	0	0		
RESERVE		2,931,621	2,029,019		
TOTAL NON-DEPARTMENTAL	1,279,049	5,663,621	4,522,005	(1,141,616)	-20.2%
<u>TRANSFERS OUT</u>					
TO GENERAL FUND/INDIRECT COST ALLOCATION	560,000	560,000	560,000		
TO STORM WATER CAPITAL PROJECTS		0	1,735,000		
TOTAL OTHER	560,000	560,000	2,295,000	1,735,000	309.8%
TOTAL BUDGET	6,075,845	13,466,499	14,370,099	903,600	6.7%
TOTAL SURPLUS/(DEFICIT)	8,671,250	0	0		

PARKING OPERATING FUND SUMMARY
PROPOSED FY 2019/2020

	ACTUAL FY 17/18	BUDGET FY 18/19	PROPOSED FY 19/20	DIFF	% CHANGE BUDGET
<u>OPERATING REVENUES</u>					
STREET PARKING METERS	3,097,733	2,700,000	3,100,000		
PARKING GARAGES	3,053,141	2,771,726	3,083,000		
PARKING LOTS	423,340	352,400	355,400		
MISCELLANEOUS REVENUE	11,586	10,250	11,750		
VALIDATIONS	0	4,000	10,000		
IN-OUT PARKING	68,520	60,000	70,000		
PARKING METER BAG FEE	182,977	125,000	185,000		
NON-MOVING VIOLATIONS	1,533,291	2,000,000	1,723,423		
TOTAL REVENUE	8,370,587	8,023,376	8,538,573	515,197	6%
<u>NON-OPERATING & TRANSFERS IN</u>					
INTEREST REVENUE	90,329	120,000	120,200		
RENTS & USE OF PROPERTY	106,751	108,675	103,400		
FROM FUND BALANCE	0	440,937	96,797		
TOTAL NON-OPERATING & TRANSFERS	197,080	669,612	320,397	(349,215)	-52%
TOTAL REVENUES & TRANSFERS IN	8,567,667	8,692,988	8,858,970	165,982	2%
<u>EXPENDITURES</u>					
<u>Operating Departments</u>					
FINANCE - PARKING PAVMENT SERVICES	110,106	113,467	104,207		
PARKING OPERATIONS	2,283,824	3,086,886	3,089,600		
PARKING FACILITIES	1,576,187	1,659,536	1,781,081		
TRAFFIC - SIGN SHOP	80,913	99,655	100,123		
COLA / MERITS	0		80,000		
TOTAL OPERATING DEPARTMENTS	4,051,030	4,959,544	5,155,011	195,467	4%
<u>Non-Departmental</u>					
DEPRECIATION	1,655,373	0	0	-	
DEBT SERVICE	1,659,286	2,809,729	2,706,959		
NON-DEPARTMENTAL/MISC.		5,000	5,000		
TECHNOLOGY REPLACEMENT			100,000		
BAD DEBT / YEAR END ACCRUALS	158,124	0	0		
RESERVE		26,715	0		
TOTAL NON-DEPARTMENTAL	3,472,783	2,841,444	2,811,959	(29,485)	-1%
<u>TRANSFERS OUT</u>					
TO GENERAL FUND	500,000	500,000	500,000		
TO CAPITAL IMPROVEMENTS	76,323	0	0		
TO INTERNAL SERVICES	387,895	392,000	392,000		
TOTAL TRANSFERS	964,218	892,000	892,000	-	0%
TOTAL BUDGET	8,488,031	8,692,988	8,858,970	165,982	2%
TOTAL SURPLUS/(DEFICIT)	79,636	0	0		

HOSPITALITY TAX SUMMARY
PROPOSED FY 2019/2020

	ACTUAL FY 17/18	APPROVED FY 18/19	AMENDED FY 18/19	PROPOSED FY 19/20	Increase / (Decrease)	% Change
<u>REVENUES</u>						
HOSPITALITY TAX	11,585,063	12,063,972	12,063,972	12,063,972		
FINES & LATE FEES	68,554	40,000	40,000	40,000		
INTEREST	6,148					
TOTAL REVENUES	11,659,765	12,103,972	12,103,972	12,103,972	0	0%
<u>TRANSFERS IN & OTHER FINANCING</u>						
FM FUND BALANCE	102,932		781,945			
TOTAL REVENUE & TRANSFERS IN	11,762,697	12,103,972	12,885,917	12,103,972	(781,945)	-6%
<u>EXPENDITURES</u>						
HOSPITALITY TAX COMMITTEE ALLOCATIONS	2,493,048	2,109,500	2,109,500	2,109,500	-	0%
PRIOR YEAR CARRYFORWARDS			298,945			
LINE ITEM AGENCIES	2,662,399	2,771,257	2,801,257	2,771,257	(30,000)	-1%
COUNCIL ALLOCATIONS	185,116	761,857	1,214,857	609,749	(605,108)	-50%
<u>TRANSFERS OUT</u>						
TO GEN. FUND	3,700,000	3,700,000	3,700,000	3,700,000		
TO DEBT SERVICE	2,622,134	2,761,358	2,761,358	2,913,466		
TO CAPITAL PROJECTS	100,000					
TOTAL TRANSFERS OUT	6,422,134	6,461,358	6,461,358	6,613,466	152,108	2%
TOTAL BUDGET	11,762,697	12,103,972	12,885,917	12,103,972	(781,945)	-6%
TOTAL SURPLUS/(DEFICIT)	0	0	0	0		

ACCOMMODATIONS TAX
PROPOSED FY 2019/2020

	ACTUAL FY 17/18	BUDGET FY 18/19	AMENDED BUDGET FY 18/19	PROPOSED FY 19/20	Increase / (Decrease)	% Change
<u>REVENUES</u>						
ACCOMMODATIONS TAX	2,753,342	2,596,160	2,596,160	2,686,160		
INTEREST EARNINGS	1,462					
TOTAL REVENUES	2,754,804	2,596,160	2,596,160	2,686,160		
<u>TRANSFERS IN</u>	0.10					
FROM FUND BALANCE			26,000			
TOTAL REVENUE & TRANSFERS IN	2,754,804	2,596,160	2,622,160	2,686,160	90,000	3.5%
<u>EXPENDITURES</u>						
COMMITTEE ALLOCATIONS	2,390,204	2,442,000	2,442,000	2,528,102	86,102	3.5%
TOTAL GENERAL ALLOCATIONS (5%)	175,089	129,160	155,160	133,058	3,898	3.0%
TOTAL EXPENSES	2,565,293	2,571,160	2,597,160	2,661,160	90,000	3.5%
<u>TRANSFERS OUT</u>						
TO GENERAL FUND	25,000	25,000	25,000	25,000		
TOTAL OTHER FUNDS	25,000	25,000	25,000	25,000		
TOTAL BUDGET	2,590,293	2,596,160	2,622,160	2,686,160	90,000	3.5%
TOTAL SURPLUS/(DEFICIT)	164,511	0	0	0		



FY 2019/2020 Proposed Capital Improvement Program

Water & Sewer CIP
Storm Water CIP





FY19-20 Water Draft CIP			
Project Number	Project Name	Type of Improvement	FY19-20 Plan
WM3355	Utility Conflicts (Annual)	Utility Relocation	\$ 1,000,000
WM363702	10,000 LF of 16 inch and 5000 LF of 12 inch from Stonewall Court to Proposed New Chapin Tank at Broom Straw	System Expansion	\$ 3,500,000
WM3872	22,000 LF of 42-inch waterline Rimer Pond Tank site to Hardscrabble Road along Rimer Pond Road plus 8000 LF of 24-inch along Hardscrabble Road from Rimer Pond Road to Lake Carolina	System Expansion	\$ 13,500,000
WM4140	Horseshoe BPS Improvements	System Expansion	\$ 4,500,000
WM4323	Unforeseen Projects	System Expansion	\$ 1,000,000
WM3001	Water Quality Projects City Wide (Services & 2-inch water line replacement) (Annual)	Water Quality	\$ 2,000,000
		Water Sub-Total	\$ 25,500,000

FY19-20 Wastewater Draft CIP			
Project Number	Project Name	Type of Improvement	FY19-20 Plan
SS735002	Crane Creek Upper North Branch Extension	Capacity	\$ 2,800,000
SS735003	Crane Creek Lower North Branch Capacity Upgrade Phase I	Capacity	\$ 6,200,000
SS7465	Lower Crane Creek Relief Sewer Phase 2 (project 44)	Capacity	\$ 1,750,000
SS6000	Sewer Service for City Annexations	Other	\$ 200,000
SS7236	CD Program Management	Other	\$ 4,700,000
SS7274	Richard Street - Phase II	Other	\$ 800,000
SS7286	CE Projects not yet Defined	Other	\$ 2,750,000
SS7288	Unforeseen & Miscellaneous Projects	Other	\$ 2,750,000
SS7439	Saluda Pump Station Control MH No. 2	Other	\$ 500,000
SS6786	Annual Gravity Sewer MH Lining and Replacement	Rehab	\$ 1,500,000
SS6966	Annual Rehab on lines less than 15"	Rehab	\$ 5,000,000
SS7287	Identification of future SSES areas and Implementation	Rehab	\$ 2,060,000
SS7384	Pumping Station Upgrades not yet Defined (minor Pump Stations)	Rehab	\$ 1,000,000
SS7424	Broad River 02 SSES	Rehab	\$ 5,500,000
SS7425	Rocky Branch 03 SSES	Rehab	\$ 3,000,000
SS7433	1878 Cunningham Road Area, Cramer Drive, and Summerlea Sewer Relocation	Rehab	\$ 1,500,000
SS7435	Wexford and Windsong Lift Stations Rehabilitation Project	Rehab	\$ 1,510,000
SS7436	Darlington St & Confederate St Sewer Rehabilitation	Rehab	\$ 550,000
SS7437	Miscellaneous Lift station Improvements and Backup Power Addition Project	Rehab	\$ 1,620,000
SS7454	Lower Broad River FM Rehabilitation and Gravity Sewer Upgrades	Rehab	\$ 2,000,000
SS7476	Major Sewer Lining & Replacement (Projects Not Defined yet)	Rehab	\$ 2,000,000
SS7497	Mill Creek Pump Station Miscellaneous Improvements	Rehab	\$ 1,060,000
SSXXXX	Force Main Lining & Replacement (Projects Not Defined)	Rehab	\$ 500,000
SS6099	Sewer Utility Conflicts	Utility Relocation	\$ 1,000,000
SS7409	Leesburg Road Widening	Utility Relocation	\$ 1,000,000
SS7481	Influent / Effluent Meter Improvements	WWTP	\$ 1,250,000
		Wastewater Sub-Total	\$ 54,500,000
		Water & Wastewater Total	\$ 80,000,000



FY 19-20 Storm Water Proposed CIP			
Project Number	Project Name	Branch	FY 19/20Plan
SD8013	Eightmile Branch from Danfield to Chinaberry - Northeast of the City off Hwy 1	Eightmile Branch	\$ 350,000
SD8059B	Randall Avenue -North of the City off N. Main	Smith Branch	\$ 1,800,000
SD8159	Gregg Street & Gervais Street, Phase 2 - above Five Points	Rocky Branch	\$ 1,350,000
SD832502	Shandon phase II - East of Five Points	Gills Creek	\$ 11,500,000
SD8371	Penn Branch - East of the City near Forest Acres	Penn Branch	\$ 1,000,000
SD8395	Taylor/Washington 60" Improvement - Above Five Points	Rocky Branch	\$ 1,350,000
SD8439	Whaley and Main upgrade - along Rocky Branch south of USC Campus	Rocky Branch	\$ 1,350,000
SD8433	MLK/Greg Property Detention - Above Five Points	Rocky Branch	\$ 700,000
SD8435	Whaley at Railroad Crossing - along Rocky Branch south of USC Campus	Rocky Branch	\$ 900,000
SD8443	Sumter and Marion Streets Bio-retention Bumpouts - Downtown Columbia	Smith Branch	\$ 1,260,000
SD8458	Sumter Catawba Detention - along Rocky Branch south of USC campus	Rocky Branch	\$ 975,000
SD841001	Bull Street Storm Drainage Improvements	Smith Branch	\$ 1,000,000
SD8050	Program Management for Bond	ALL	\$ 1,000,000
SDXXXX	SD Projects Not Defined	All	\$ 1,000,000
SD8049	Smith Branch Drainage Area - Tier 1	Smith Branch	\$ 1,000,000
SD8049	Smith Branch Drainage Area - Tier 3	Smith Branch	\$ 1,000,000
SD8436	Rocky Branch Watershed Plan Tier 1	Rocky Branch	\$ 1,000,000
SD8436	Rocky Branch Watershed Plan Tier 2	Rocky Branch	\$ 1,000,000
SD8436	Rocky Branch Watershed Plan Tier 3	Rocky Branch	\$ 1,000,000
Storm Water Totals			\$ 30,535,000



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Legal Department

FROM: *Shari Ardis, Legal Office Manager*

SUBJECT: Ordinance No.: 2019-039 Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 23, Utilities and Engineering, Article V, Water and Sewer Rates, Sec. 23-143 Water service rates and Sec. 23-149 Sewer service rates (a) and (b)

PURPOSE: First reading approval was given on June 11, 2019.

**FUNDING SOURCE &
ORIGINAL BUDGET:**

FOCUS AREAS: Connecting Our Community, Economic Prosperity - Endless Possibilities, Empowering Our Residents, Planning Together

ATTACHMENTS:

- **#a:** 2019-039 amend Sec. 23-143 Water rates & Sec. 23-149 Sewer rates (PDF)

HISTORY:

06/11/19

Columbia City Council

APPROVED ON FIRST READING.

ORDINANCE NO.: 2019-039

Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 23, Utilities and Engineering, Article V, Water and Sewer Rates, Sec. 23-143 Water service rates and Sec. 23-149 Sewer service rates

BE IT ORDAINED by the Mayor and Council this ____ day of _____, 2019, that the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 23, Utilities and Engineering, Article V, Water and Sewer Rates, Sec. 23-143 Water service rates and Sec. 23-149 Sewer service rates, are amended to read as follows:

Sec. 23-143. Water service rates.

Generally. Except as otherwise provided by contract, monthly water service charges shall be as follows:

Monthly Water Use (cubic feet)	Meter Size (inches)	In City		Out of City	
		Current	Proposed	Current	Proposed
Minimum--300	3/4"	7.58	8.12	12.90	13.81
	1"	12.67	13.56	21.53	23.05
	1.5"	18.97	20.31	32.25	34.53
	2"	30.35	32.49	51.60	55.24
	3"	60.71	65.00	103.20	110.49
	4"	94.85	101.55	161.25	172.63
	6"	189.94	203.35	322.89	345.69
	8"	303.53	324.96	516.00	552.43
	10"	602.66	645.21	1024.52	1096.85
Additional charge per 100 cubic feet					

Volumetric Charges are based on the customer category.

Monthly Water Use (cubic feet)	In City		Out of City	
	Current	Proposed	Current	Proposed
Residential:				
Next 9,700	2.72	2.91	4.63	4.96
Next 90,000	2.59	2.77	4.40	4.71
Over 100,000	2.45	2.62	4.16	4.45
Irrigation:				
Next 9,700	4.63	4.96	7.87	8.43
Next 90,000	4.40	4.71	7.49	8.02
Over 100,000	4.16	4.45	7.08	7.58
All others:				
Next 9,700	2.59	2.77	4.40	4.71
Next 90,000	2.45	2.62	4.16	4.45
Over 100,000	2.29	2.45	3.90	4.18

Sec. 23-149. Sewer service rates.

(a) Generally. Except as otherwise provided by contract, the monthly sewer service charge shall be as follows:

Size of Meter (inches)	In City		Out of City	
	Current	Proposed	Current	Proposed
5/8	7.58	8.12	12.90	13.81
1	7.58	8.12	12.90	13.81
1½	7.58	8.12	12.90	13.81
2	12.14	13.00	20.63	22.09
3	24.28	25.99	41.27	44.18
4	37.94	40.62	64.49	69.04
6	75.88	81.24	129.00	138.11
8	121.42	129.99	206.40	220.97
10	189.71	203.10	322.50	345.27

Monthly Water Use (cubic feet)	Monthly Sewer Service Charge			
	In City		Out of City	
	Current	Proposed	Current	Proposed
Each 100 cubic feet	3.94	4.22	6.71	7.18

(b) Consumers using water cooling towers for air conditioning. Consumers using water cooling towers for air conditioning systems shall be given a credit of 30 cubic feet per ton per month during the service periods commencing in the months of April through October. The minimum charge shall be:

Size of Meter (inches)	In City		Out of City	
	Current	Proposed	Current	Proposed
5/8	12.30	13.17	15.65	16.75
1	17.35	18.57	22.91	24.53
1½	22.38	23.96	30.17	32.30
2	32.46	34.75	44.65	47.80
3	52.60	56.31	73.67	78.87
4	92.88	99.44	131.69	140.99
6	193.58	207.25	276.76	296.30
8	274.13	293.48	392.82	420.55
10	603.90	646.54	867.93	929.21

(c) Surcharge for excess BOD or suspended solids. If any person discharges into the sanitary sewerage system a waste containing BOD concentration or suspended solids in excess of 300 milligrams per liter, then such person shall pay an additional cost according to rates determined by the city council. This monthly surcharge will be assessed on each pound of BOD and each pound of suspended solids in excess of 300 milligrams per liter as follows:

	BOD Rate	Suspended Solids Rate
Effective July 1, 1998	\$0.08	\$0.06
Effective July 1, 1999	0.11	0.08
Effective July 1, 2000	0.14	0.10
Effective July 1, 2001	0.17	0.12
Effective July 1, 2002	0.20	0.14

(ed) *Limitation on charge on single-family residences.* Maximum sewer charge on single-family residences during the service periods commencing in the months of April through October will be 1,400 cubic feet.

(de) *Apartments and trailer parks.* Sewer rates for apartment buildings and trailer parks shall be the base rate of a single-family residence per dwelling unit plus a base fee based on meter connection size plus the rate per 100 cubic feet as reflected by water consumption.

(ef) *Hotels, motels, dormitories and roominghouses.* Sewer rates for hotels, motels, dormitories and roominghouses shall be one-half the base rate of a single-family residence per room plus a base fee based on meter connection size plus the rate per 100 cubic feet as reflected by water consumption.

(fg) *Contaminated groundwater.* Separate meters for discharges of contaminated groundwater are required. In city or out of city customers discharging contaminated ground water shall pay the out of city base monthly sewer service charge times one and one-half plus the out of city monthly sewer service charge for each 100 cubic feet times one and one-half.

This ordinance is effective as of July 1, 2019.

Requested by:

Mayor and City Council

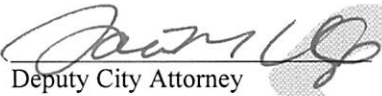
Mayor

Approved by:

City Manager

Approved as to form:

ATTEST:


Deputy City Attorney

City Clerk

Public Hearing:

Introduced:

Final Reading:



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Human Resources

FROM: Pam Benjamin,

SUBJECT: Recognition of Officer Alvie R. Vereen, III as the June 2019 Employee of the Month - Chief William (Skip) Holbrook, Chief of Police and Corporal William Beattie, Police Corporal

FUNDING SOURCE & ORIGINAL BUDGET:

ATTACHMENTS:

- **#a:** 2019_06_05_16_13_18 (PDF)



EMPLOYEE OF THE MONTH NOMINATION FORM

NAME OF NOMINATED EMPLOYEE: Alvie Vereen III

EMPLOYEE'S DEPARTMENT/DIVISION: Police Department/Operations/Metro Region

Employee's Title: Police Officer Date of Hire: 09/26/2016

Name of Nominator: Captain C. Roberts Date: 05/20/2019

Signatures of supervisor, division head, department head and if applicable, Assistant City Manager:

Name: Corporal W. Beattie Title: Supervisor

Name: [Signature] Title: Division Head

Name: WA Holbrook Title: Department Head

Name: _____ Title: City Manager

Nominator should provide three other employees' names who may be contacted concerning the work of the nominated employee.

Name: Lieutenant McCary Division: Operations/Metro Region

Name: Captain Thornton Division: Operations/Metro Region

Name: Captain Williams Division: Operations/South Region/SWAT

CRITERIA FOR BEING NOMINATED EMPLOYEE OF THE MONTH

- ❖ The nominated employee must have been employed by the City of Columbia for at least one (1) full year.
- ❖ The nominated employee must have low absenteeism and tardiness.
- ❖ The nominated employee must have maintained and projected a positive attitude and a willingness to get along well with co-workers and the public.
- ❖ The nominated employee must have shown a willingness to perform any assigned duties in the highest standards possible and enhanced the department's ability to better serve the citizens of the City of Columbia.
- ❖ The nominated employee must have maintained a professional appearance and manner.
- ❖ The nominated employee must have demonstrated an allegiance to the City and be a team player who supports others' efforts to achieve the goals of the City of Columbia.
- ❖ The nominated employee should have earned the respect of co-workers.
- ❖ Special considerations may be given to employees who participate in extracurricular activities that benefit the City of Columbia.

RECEIVED

MAY 24 2019

HR/EMPLOYMENT

THE DETAILED NARRATIVE MUST CITE SPECIFIC EXAMPLES THAT DEMONSTRATE THE CRITERIA FOR NOMINATION OF THIS AWARD. NOMINATIONS RECEIVED THAT DO NOT MEET THE CRITERIA WILL NOT BE CONSIDERED.

MEMORANDUM



To: Chief W. Holbrook
From: Captain C. Roberts
cc: [Name]
Date: May 20, 2019
Re: City of Columbia Employee of the Month Nomination – June 2019

Officer Vereen exemplifies everything a Columbia Police Department Metro Region Officer should aspire to emulate. He is extremely hard working but always has time to greet you with a smile. He is tough on crime in his area, but, empathetic and compassionate to those he encounters in the course of his duties. As soon as he was able, he requested the ability to and regularly assists Criminal Investigations Division with cases in order to gain knowledge for self-improvement. This year he also earned a position on Columbia PD SWAT. He has accomplished these things with a quiet humility and professionalism.

Below is a note of thanks from Major Miles with USCPD that showcases one instance of the traits mentioned above.

Operations Commander, Major Dana Oree

On May 2, 2019 the University of South Carolina had 25 vandalism and auto breakings along with material thefts. The suspects hit the vehicles in the early morning hours and the crime spread the bulk of the downtown portion of campus (campus proper). USC Police had many pictures from video capturing the suspects images, but it was the sharp eye of Officer Vereen that led to the actual identification of one of the subjects. His actions led to all of our cases being solved. I understand the City of Columbia had several of the same issues at the same time. Columbia Police Officer Vereen was on duty and spotted a person who looked like a subject from the video near a diner on Assembly Street. He spoke with the subject and was able to properly identify him. Information was gathered that led to a search of two locations, confessions and recovery of property for USC victims and City of Columbia victims. Time became critical and Officer Vereen was unable to be part of the search warrant process, but CPD Inv. Dow was able to be present (the searches took place near Allen and Benedict Universities) and help identify any CPD evidence.

Please find a proper way to congratulate and recognize your exceptional officer. His military bearing, quick actions and deliberate interview led to a successful outcome to a large amount of cases.

*Maj. Jim Miles
 USC Police*



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: City Clerk

FROM: *Erika Moore, City Clerk*

SUBJECT: The Hunger Project - Dr. Tamara L. Burk, Director of the
Columbia College Center for Leadership & Social Change

**FUNDING SOURCE &
ORIGINAL BUDGET:**

FOCUS AREAS: Connecting Our Community

ATTACHMENTS:

- **#a:** Hunger Project Sponsorship Packet (PDF)
- **#b:** What is a Hunger Project?
- **#c:** Donation Page



Center for Leadership & Social Change

Dear Community Friend,

At Columbia College, we believe in the power of strong relationships between higher education and the community. As reflected in the pillars of our mission, we value our community's dedication to helping us provide students with a liberal arts degree, rich with service, leadership, and social responsibility. It is with our neighborhood partners, nonprofits, schools, and churches that Columbia College students can experience their academic field through unique opportunities and connections.

This fall, we want to give back, and we need *your* help.

For students to learn, practice, and dream big, they must have access to healthy food. Shockingly, 45 percent of SNAP recipients in our country are children, and Eau Claire is fighting poverty and food insecurity at a growing rate. We want all children in Eau Claire to live up to their potential, and we believe we have a responsibility to be a part of their success.

This is why we've partnered with the national nonprofit Feeding Children Everywhere to bring **30,000 meals** to children in 29203. These easy-to-make, nutritious meals will be prepared and packaged by the incoming Class of 2023, Columbia College friends, and partners from the community.

As educators of social justice, it is our job to implore our students to help build on the strengths of their community. We're excited for this momentous opportunity – 30,000 meals for our neighbors – but we're asking for your partnership.

We have a big goal: \$10,000 to fund this project, so we're asking our like-minded change makers to contribute a tax-deductible donation of \$1,000-\$2,500, or any amount of your choice. Your sponsorship will allow us to purchase the meals and supplies to be packaged on August 24.

If you're ready to join us, please fill out the attached donation form and return to the Center for Leadership & Social Change. Thank you for the difference you make.

For the greater good,

Dr. Tamara L. Burk
Director
tburk@columbiasc.edu
803-786-3554

Lauren Fleming
Program Manager + Hunger Project Contact
lfleming@columbiasc.edu
803-786-3934

Hunger Project Sponsorship Form

August 24, 2019 at Columbia College

By joining this initiative to package **30,000** meals for 29203, your business is helping make a real impact close to home. Please indicate your level of commitment by checking a box below:

Koalaified Sponsor	\$2,500 donation - Highlighted on volunteer shirts - Table at event - Named at event - Pre-event social media naming 15 reserved volunteer spots for peers or colleagues	Change Sponsor	\$1,500 donation - Table at event - Named at event - Pre-event social media naming 10 reserved volunteer spots for peers or colleagues	Community Sponsor	\$1,000 donation - Named at event - Pre-event social media naming 5 reserved volunteer spots for peers or colleagues
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Contact Information

Business Name: _____

Business Point of Contact: _____

Point of Contact Number: _____ Email: _____

Preferred payment method (please check):

___ Check ___ Online at www.feedingchildreneverywhere.com/events/columbia-college-2019

*Deadline for sponsorship is July 8, 2019

We are so thankful for your partnership. We will be in contact soon regarding your sponsorship benefits.
Your Columbia College contact:

Lauren Fleming
Program Manager | Center for Leadership & Social Change
803-786-3934 | lfleming@columbiasc.edu | @ccleadercenter



COLUMBIA COLLEGE HUNGER PROJECT

Our mission is a hunger-free world! Every dollar will provide ten delicious meals to hungry children and families. Your donation will help us meet our goal of providing 30,000 meals for those who need it most!

\$1.00	PROVIDES 10 DELICIOUS MEALS
\$10.00	PROVIDES 100 DELICIOUS MEALS
\$20.00	PROVIDES 200 DELICIOUS MEALS
\$50.00	PROVIDES 500 DELICIOUS MEALS

To donate, please visit the link below:
FEEDINGCHILDRENEVERYWHERE.COM/EVENTS/COLUMBIA-COLLEGE-2019



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: City Clerk

FROM: *Erika Moore, City Clerk*

SUBJECT: Update from Capital City Lake Murray Country - Ms. Miriam Atria, President & CEO / Capital City/Lake Murray Country Regional Tourism Board

FUNDING SOURCE & ORIGINAL BUDGET:

FOCUS AREAS: Attracting & Retaining Talent

ATTACHMENTS:

- **#a:** Capital City/Lake Murray Country Regional Tourism Board



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Legal Department

FROM: *Shari Ardis, Legal Office Manager*

SUBJECT: Ordinance No.: 2019-033 Authorizing the City Manager to execute a Twelfth Amendment to Purchase Agreement between the City of Columbia and Bright-Meyers 2001 LLC for the sale of 5.97 +/- acres (Capital City Stadium), Richland County TMS #11204-02-02

PURPOSE: First reading approval was given on May 7, 2019.

FUNDING SOURCE & ORIGINAL BUDGET:

FOCUS AREAS: Planning Together

ATTACHMENTS:

- **#a:** 2019-033 Twelfth Amendment to Bright-Meyers Agreement (PDF)

HISTORY:

05/07/19	Columbia City Council	APPROVED ON FIRST READING.
06/04/19	Columbia City Council	DEFERRED
06/11/19	Columbia City Council	DEFERRED

ORDINANCE NO.: 2019-033

*Authorizing the City Manager to execute a Twelfth Amendment to Purchase Agreement
between the City of Columbia and Bright-Meyers 2001 LLC for the sale
of 5.97 +/-acres (Capital City Stadium), Richland County TMS #11204-02-02*

BE IT ORDAINED by the Mayor and City Council this ____ day of _____, 2019,
that the City Manager is authorized to execute the attached Twelfth Amendment to Purchase
Agreement, or on a form approved by the City Attorney, between the City of Columbia and Bright-
Meyers 2001 LLC for the sale of 5.97 acres +/- (Capital City Stadium), Richland County TMS
#11204-02-02.

Requested by:

Assistant City Manager Gentry

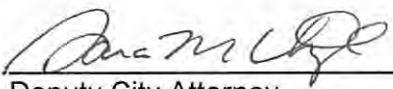
Mayor

Approved by:

City Manager

Approved as to form:

ATTEST:



Deputy City Attorney

City Clerk

Introduced:
Final Reading:

TWELFTH AMENDMENT TO PURCHASE AGREEMENT

This Twelfth Amendment to Purchase Agreement is made and entered into by and between the City of Columbia, hereinafter referred to as "Seller", and Ballpark, LLC, a South Carolina limited liability company, as assignee of Bright-Meyers Assembly Street, LLC, hereinafter referred to as "Buyer".

WITNESSETH:

WHEREAS, Seller and Bright-Meyers 2001 LLC entered into a Purchase Agreement effective August 27, 2012 (as amended by eleven prior instruments, the "Agreement"), which gives Buyer the exclusive right to purchase the property ("Property") described in the Agreement under the terms and conditions of the Agreement; and,

WHEREAS, pursuant to that certain Assignment of Purchase Agreement dated October 15, 2018 Bright Meyers 2001 LLC assigned its rights and obligations under the Agreement to its affiliate, Bright-Meyers Assembly Street, LLC, a Tennessee limited liability company; and

WHEREAS, pursuant to that certain Assignment of Contract dated January 29, 2019 Bright-Meyers Assembly Street, LLC assigned its rights and obligations under the Agreement to Ballpark, LLC; and

WHEREAS, Seller and Buyer mutually desire to further modify, amend and clarify said Agreement.

NOW, THEREFORE, IT IS HEREBY AGREED, that for and in consideration of the sum of Ten and No/100 (\$10.00) Dollars, the receipt and sufficiency of which is hereby acknowledged, the Agreement is amended as follows:

1. Seller hereby acknowledges the assignment of the rights and obligations under the Agreement by Bright-Meyers Assembly Street, LLC to Ballpark, LLC.

2. Paragraph 2 of the Agreement is amended as necessary to state that the Price is increased from One Million Four Hundred Twenty-five Thousand and No/100 (\$1,425,000.00) Dollars to One Million Six Hundred Twenty-five Thousand and No/100 (\$1,625,000.00) Dollars.

3. Paragraph 5 is hereby amended to read:

5. **CONDITIONS AND RESTRICTIONS.** The Seller shall convey the property described in Paragraph 1 hereof to the Buyer in fee simple by proper Indenture Limited Warranty Deed with Covenants, in the form of which is attached hereto as Exhibit "A" and incorporated herein by reference, free from all liens and encumbrances except as are herein agreed to. The Buyer agrees to accept the property subject to any governmental statute or ordinance, zoning ordinance and regulation, building restriction and condition, restrictive covenant, and easements of record, including any shown on a recorded plat; also, any state of facts that an accurate survey would show.

4. Paragraph 6 of the Agreement is amended as necessary to add that Seller agrees not cause the buildings and other improvements located on the Property to be demolished or otherwise removed from the Property unless any such improvements are damaged by fire or other casualty which creates an unsafe or unsightly condition.

5. Paragraph 7 of the Agreement is deleted in its entirety.

6. Paragraph 8 of the Agreement is amended as necessary to state that Buyer shall develop and fund a plan ("Security Plan") to provide private security to monitor the Property in an effort to prevent unauthorized persons from entering the Property. Buyer's Security Plan shall be scalable and shall be provided to the City Manager (or designee) of Seller for review and approval. All modifications reasonably requested by the City Manager (or designee) shall be incorporated into the Security Plan. Such Security Plan shall be provided to the City Manager (or designee) no later than ten (10) days after the Amendment Effective Date,

implemented within ten (10) days after the City Manager's (or designee's) approval thereof, and shall continue until the earlier of Closing or termination of this Agreement. Buyer shall indemnify and hold harmless Seller from any and all actual damages and injuries suffered or incurred as a result of the willful acts or gross negligence of Buyer, or its agents, in implementing and executing the Security Plan.

7. Paragraph 12 of the Agreement is hereby amended to read as follows:

If the Buyer shall default under this Agreement, the Seller's sole remedy shall be to terminate this Agreement and retain and/or receive all Earnest Money as full and complete liquidated damages. Buyer shall be in default under this Agreement if Buyer fails to comply with any term, covenant, provision or requirement of this Agreement within twenty (20) days after receipt of written notice ("Seller's Notice") from Seller specifying such default. In the event the default is of a nature that is not reasonably capable of cure within such twenty (20) day period, Buyer shall commence such curative efforts within such period and thereafter diligently pursue such curative efforts to completion no later than forty-five (45) days after Seller's Notice.

8. Paragraph 14 of the Agreement is amended to provide that the Closing shall take place no later than January 15, 2020; provided however, that Buyer shall give Seller written notice of its intent to close at least eight (8) weeks prior to the desired Closing date.

9. Paragraph 24 of the Agreement is hereby amended to delete the following:

"Seller will obligate up to Five Hundred Thousand and No/100 (\$500,000.00) Dollars of the proceeds realized from the sale of the property to make improvements to Rocky Branch which will further reduce flooding and further improve water quality. These improvements will be made by the Seller after the Buyer has completed improvements to reduce flooding and further improve water quality in Rocky Branch as required of the Buyer in this Agreement of Sale. The type of improvements to be made by the Seller shall be in the Seller's sole and exclusive discretion."

10. Paragraph 25 of the Agreement is deleted in its entirety.

11. The following provisions are added to the Agreement:

- (a) Contributions to Historic Columbia. In addition to the purchase price, Buyer agrees to contribute the sum of Sixty Thousand and No/100 (\$60,000.00) Dollars ("HC Funding") to Historic Columbia for the specific purpose of funding a documentary of Capital City Stadium as well as site preparation and event staffing for an on-site "last tour" event to take place prior to the demolition of the structure. Thirty Thousand and No/100 (\$30,000.00) Dollars shall be funded by Buyer no later than June 30, 2019 and the balance shall be funded no later than August 30, 2019. The HC Funding is nonrefundable to Buyer once paid.
- (b) SSRC Proforma. No later than thirty (30) days after the Amendment Effective Date, Buyer shall provide a project proforma and supporting documentation to identify the anticipated costs associated with the improvements to be supported by the Special Source Revenue Credit ("SSRC") to support the Rocky Branch improvements and construction of the Greenway. Buyer agrees, at Buyer's expense, to make its project team members available to City of Columbia and Richland County staff as needed to ensure there is a complete understanding of the improvements being planned that are intended to be supported by the SSRC. Seller acknowledges that the project proforma shall be subject to modifications as permitting and planning for the planned improvements progresses; provided, however, that no financial assistance other than the SSRC, if approved, will be requested or accepted from the City of Columbia.
- (c) SSRC Approval. Buyer agrees to submit its application for the SSRC to Richland County Council for first reading no later than July 9, 2019. Seller acknowledges that the July 9, 2019

meeting of Richland County Council is a special called meeting and may be subject to cancellation. Consequently, Buyer intends to submit its application for the June 18, 2019 meeting of Richland County Council. Upon City Council approval of the second reading of the 12th amendment, the City will provide written notification to Richland County confirming the PSA extension which includes acknowledgement of the Developer's intent to seek a SSRC from Richland County and the City of Columbia for purposes of supporting the off-site storm water improvements required for the project to proceed. This notification will acknowledge upon approval of First Reading by Richland County, City staff will proceed with placing the item on the next available City Council agenda for approval within the guidelines for the agenda submittals.

- (d) Purchase of SCE&G Property. Buyer is concurrently pursuing from South Carolina Electric & Gas Company ("SCE&G") consent for the assignment to Buyer and modification of that certain Agreement of Sale and Purchase (1031 Exchange Applicable) dated October 4, 2011, as amended between SCE&G and Bright-Meyers Assembly Street, LLC (the "SCE&G Contract") for the purchase and sale of approximately 11.60 acres of land located adjacent to the Property (the "SCE&G Property"). Buyer shall close on its acquisition of the SCE&G Property simultaneously with its Closing on this Property.
- (e) Assignment. The Agreement shall not be assigned or transferred in whole or in part without the prior written consent of the Seller which shall not be unreasonably withheld or delayed. Notwithstanding the forgoing restriction, Buyer may assign this Agreement to a new entity created by Buyer's equity investor in connection with the purchase of the Property provided (i) Buyer provides Seller ten (10) days prior written notice of such assignment, and (ii) such assignment is made not sooner than thirty (30) days prior to closing.
- (f) Earnest Money. Buyer and Seller acknowledge and agree that the Three Hundred Four Thousand and No/100 (\$304,000.00) Dollars Earnest Money paid prior to the Amendment Effective Date is nonrefundable and has been paid to the Seller. The Earnest Money shall be applied as a credit against the Purchase Price at the Closing.
- (g) Rezoning. Buyer shall submit its request to rezone the Property to the City of Columbia no later July 31, 2020 and diligently pursue such rezoning to completion.
- (h) Assurances of Development Capability. Buyer agrees to provide City with monthly updates summarizing all activities undertaken and planned with regard to Buyer's plans to develop the Property as a multifamily development with supporting retail (the "Project"). Such updates shall include, but not be limited to, all meetings with public officials, the status of all permit applications and other entitlements, the status of all architectural plans, engineering plans, flood plain mitigation plans and other design work and studies required for development of the Project. Buyer shall also provide Seller with documents reasonably requested to evidence Buyer's prior experience and success with projects requiring similar entitlements, planning and funding.
- (i) Use of Property. Seller may grant third parties the right to utilize all or a portion of the Property from time to time provided all such agreements are terminated prior to Closing. Buyer shall not be liable for any damages or injuries caused by or resulting from such third parties' use of or entry onto the Property, and the Security Plan may be modified with Seller's approval during the pendency of such parties' use and occupancy. Seller will use commercially reasonable efforts to avoid interference with Buyer's due diligence due to any such use of the Property.
- (j) Notwithstanding anything to the contrary in the Agreement, the Seller reserves the right to require the Buyer to match Seller's funding of the costs of the greenway to Olympia Park, subject to a maximum funding obligation by Buyer of Two Hundred Fifty Thousand and No/100 (\$250,000.00) Dollars.
- (k) Seller reserves the right to remove any items from the Property prior to Closing.

12. The Agreement is hereby reinstated and is in full force and effect as of the date of this Amendment.

The "Amendment Effective Date" shall be the date upon which this Amendment is executed by both Seller and Buyer.

Except as modified and amended hereby, all the terms, covenants and conditions of said Purchase Agreement and subsequent Amendments shall continue and remain in full force and effect insofar as they do not conflict with the terms of this Twelfth Amendment. In the event that the language of the Agreement or a prior Amendment is contrary to the language of this Amendment, the language of this Amendment shall control regarding that provision.

IN WITNESS WHEREOF, the parties have caused this Twelfth Amendment to Purchase Agreement to be executed and effective as of the date of the last signature hereinbelow.

WITNESSES:

SELLER: CITY OF COLUMBIA

BY: _____
Teresa B. Wilson
ITS: City Manager
Date: _____

BUYER: BALLPARK, LLC

BY: _____
Name: _____
ITS: _____
Date: _____

APPROVED AS TO FORM

Legal Department City of Columbia, SC

Exhibit "A"

Limited Warranty Deed with Covenants

This deed was prepared in the law offices of
BURR FORMAN McNAIR
 Post Office Box 11390
 Columbia, SC 29211
 Attn: Judith L. McInnis

STATE OF SOUTH CAROLINA)
)
COUNTY OF RICHLAND)

INDENTURE LIMITED WARRANTY DEED
(With Covenants)

THIS INDENTURE LIMITED WARRANTY DEED (“Deed”) made effective as of the day of the last signature hereinbelow, by and between CITY OF COLUMBIA, SOUTH CAROLINA, (“Grantor”), and BALLPARK, LLC, a South Carolina limited liability company (“Grantee”), having an address at _____; in this Deed, the singular shall include the plural, and plural shall include the singular, and the gender shall include all genders.

FOR AND IN CONSIDERATION of the covenants and conditions hereinafter contained and the sum of Ten and 00/100 Dollars (\$10.00) and other valuable consideration, paid to Grantor at and before the sealing of these presents by the Grantee, in the State aforesaid, the receipt and adequacy whereof is hereby acknowledged, SUBJECT TO easements, restrictions, reservations, agreements, covenants, and conditions set forth below, Grantor has granted, bargained, sold and released and by these presents does grant, bargain, sell and release, unto the said Grantee, the real property described on Exhibit A attached hereto and incorporated herein (hereinafter referred to as the "Property").

The Property is conveyed subject to all matters of record in the Register of Deeds Office for Richland County, South Carolina affecting title, ad valorem property taxes, zoning laws and ordinances, and to all matters that would be revealed by an accurate survey or inspection of the Property.

The Property is conveyed subject to all easements, restrictions, reservations, agreements, covenants and conditions set forth on Exhibit B attached hereto and incorporated herein.

Grantee agrees to observe and perform its obligations as set forth herein.

TOGETHER with all and singular the rights, members, hereditaments and appurtenances to the Property belonging, or in anywise incident or appertaining.

TO HAVE AND TO HOLD all and singular the Property, unto the Grantee, its successors and assigns forever; subject, however, to the easements, restrictions, reservations, agreements, covenants and conditions that constitute covenants running with the land, all as set forth herein above.

Subject to the matters set forth above, Grantor does hereby bind itself to warrant and forever defend all and singular the Property unto Grantee, its successors assigns, from and against Grantor and its successors and assigns, but no others.

IN WITNESS WHEREOF, the Grantor and Grantee have caused this Deed to be executed in their respective names by their duly authorized officers and under seal to be hereto affixed, this _____ day of _____, 2019.

SIGNED, SEALED AND DELIVERED
IN THE PRESENCE OF:

**CITY OF COLUMBIA,
SOUTH CAROLINA**

Signature of 1st Witness

By: _____
Teresa B. Wilson
City Manager

Signature of 2nd Witness/Notary Public

STATE OF SOUTH CAROLINA)
)
COUNTY OF RICHLAND)

ACKNOWLEDGEMENT

I, the undersigned Notary Public, do hereby certify that Teresa B. Wilson, as City Manager of City of Columbia, South Carolina, by and on behalf of City of Columbia, South Carolina, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal this the _____ day of _____, 2019.

Notary Public for South Carolina
Print Name:

My Commission Expires: _____

(NOTARIAL SEAL)

SIGNED, SEALED AND DELIVERED
IN THE PRESENCE OF:

BALLPARK, LLC, a South Carolina limited
liability company

Signature of 1st Witness

By: _____

Name: _____

Title: _____

Signature of 2nd Witness/Notary Public

STATE OF SOUTH CAROLINA)
)
COUNTY OF RICHLAND)

ACKNOWLEDGEMENT

I, the undersigned Notary Public, do hereby certify that
_____, as _____ of
BALLPARK, LLC, a South Carolina limited liability company, by and on behalf of company,
personally appeared before me this day and acknowledged the due execution of the foregoing
instrument.

Witness my hand and official seal this the _____ day of _____, 2019.

Notary Public for South Carolina

Print Name: _____

My Commission Expires: _____

(NOTARIAL SEAL)

EXHIBIT A

TMS No.: 11204-02-02

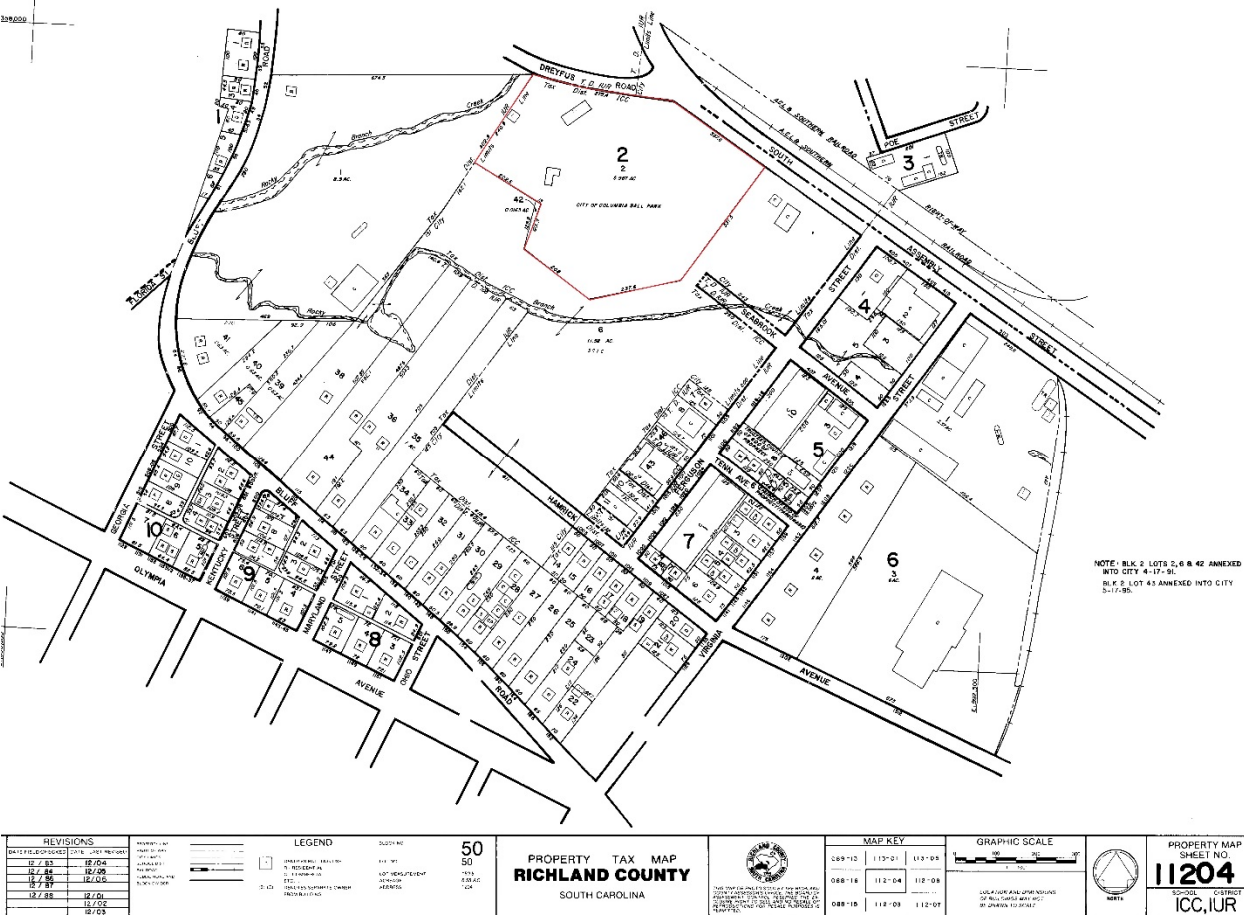


EXHIBIT B

- A. The Property is conveyed subject to the following easements, restrictions, reservations, agreements, covenants and conditions (collectively the “Covenants”):
1. The Property shall be held, developed and operated subject to and as provided in the Commercial Development Guidelines attached hereto and incorporated herein as Exhibit B-1.
 2. The Property shall be held, developed and operated subject to and as provided in the City of Columbia Best Management Practice Design Manual attached hereto and incorporated herein as Exhibit B-2.
 3. The Property shall be held, developed and operated subject to and as provided in the Rocky Branch and Rocky Branch Watershed Improvements attached hereto and incorporated herein as Exhibit B-3.
 4. Grantee shall cause the Property to be cleared of all structures and all debris removed, in accordance with all applicable laws, at the Grantee’s expense, within ninety (90) days of the date of this Indenture Deed.
 5. For and during the period commencing on the date of recording of this Indenture Limited Warranty Deed and ending on that date five (5) years thereafter (the “Restricted Period”), the Property shall at all times, be owned by the individual or entity that owns the property described on Exhibit C attached hereto and incorporated herein (the “Adjacent Property”, and, together with the Property, the “Combined Property”). During the Restricted Period the Combined Property shall not be subdivided, and shall not be sold, conveyed, mortgaged, pledged, or assigned except as one entire parcel.
 6. The Grantee shall commence vertical construction of improvements on the Property no later than June 1, 2020. Vertical construction shall commence with the pouring of footings for such improvements.
 7. Not later than August 20, 2021, the improvements developed and occupied or ready for occupancy on the Property shall contain a minimum of 20,000 SF of street front commercial and retail space.
- B. If the Grantee or its successors and assigns, or any developer, operator, tenant or person/entity in possession of all or any part of the Property (collectively the “Owner/Operator”) fails to comply with all of the Covenants with regard to the portion of the Property owned, leased or otherwise controlled by the Owner/Operator, the Grantor shall provide written notice to the Owner/Operator of such non-compliance and the Owner/Operator shall have thirty (30) days from the date of such notice to take such actions that may be required to cause to the Property to comply with the covenants (or if such corrective actions would reasonably be expected to take longer than thirty (30) days, the

Owner/Operator shall promptly commence such efforts and then diligently pursue such corrective actions to completion). In the event the Owner/Operator fails to undertake such corrective actions in the manner stated above, the Grantor, its successors and assigns, shall, at its option, have the right to

1. Compel compliance with the Covenants by pursuing any action available to the Grantor at law or in equity; and
 2. Assess and collect damages from the Owner/Operator in the amount of \$500 per day during the time such violation of the Covenants or failure to comply with the Request continues.
- C. The Covenants set forth herein and the rights of Grantor to enforce such Covenants are separate and distinct from the laws, regulations, ordinances and requirements of the City of Columbia. Approval, disapproval, waiver or other action pursuant to the Deed by Grantor shall be separate and distinct from, and shall have no bearing on, the laws, regulations, ordinances and requirements of the City of Columbia.
- D. The Covenants may be amended from time to time by recorded instrument executed by Grantor and Grantee.
- E. If any legal action or proceeding is brought by Grantor to enforce any of the Covenants, all reasonable attorneys' fees and costs related thereto incurred by Grantor shall be paid by the Grantee if the Grantor prevails in such action or proceeding.
- F. The provisions in this Deed are intended to be independent. In the event any provisions of this Deed should be declared by a court of competent jurisdiction to be invalid, illegal or unenforceable for any reason whatsoever, such illegality, unenforceability or invalidity shall not affect other provisions of this Deed.
- G. Failure of the Grantor to insist upon compliance with any provision hereof shall not constitute a waiver of the rights of the Grantor to subsequently insist upon compliance with this Deed nor in any way affect the validity of all or any part of this Deed. No waiver of any breach of this Deed shall constitute a waiver of any other or subsequent breach.

Exhibit B-1
Design and Development Guidelines
April ##, 2019

The Property shall be designed and developed in conformance with the Innovista Design Guidelines as amended June 5, 2018 and attached as reference with the following additions and clarifications.

1. **Review.** Review of site, building and overall design of the project shall occur by a committee of city staff consisting of the Director of Planning and Development Services, Planning Administrator, Land Development Administrator, Urban Design Planner, and the City Storm Water Manager. Review and approval shall occur prior to submitting the project to the City of Columbia for development approval.
2. **Architectural Style.** The context, form, layout and design features of the development shall consider urban forms as well as mill structures, and mill villages. Consideration of context shall be considered in relationship to architectural detailing, and materials. Standard suburban and/or marketing/branding Architecture and site design is not acceptable. The entire development shall be designed as unified whole.
3. **Site Design and Relationship to Surrounding Community**
 - a. The Buyer will work with USC and Comet to facilitate the location of a bus stop at the development.
 - b. The entire site shall be designed for pedestrian connectivity.
 - c. A minimum of one pedestrian connection to the site from each public right of way shall be provided for each vehicular access point.
 - d. Pedestrian connections that are adjacent to a vehicular access points or parking areas shall be separated by an average of six (6) feet of green space to be planted with trees.
 - e. Internal pedestrian connections shall interconnect with one another, and shall provide continental painted crosswalks at each point of crossing of vehicular areas.
 - f. Pedestrian areas to rear support functions and other non semi-public areas are not required.
 - g. Pedestrian connections to Bluff Road shall be provided.
 - h. Bicycle facilities shall be provided at a rate of one connection for each vehicular access point provided. Facilities shall be limited to interior circulation routes and not the general parking areas for vehicles.
 - i. Bike facilities shall be provided along Assembly Street per section 5. below.
 - j. Bike facilities and pavement markings shall be analyzed for the intersection of Assembly and Main Entry and shall be based upon final circulation layout and overall design.
 - k. Bike parking layout and racks shall comply with the Association of Pedestrian and Bicycle Professionals Bicycle Parking Guidelines 2nd Edition or later.

- I. All bike facilities on public and private streets and on access roads adjacent to or within the development shall comply with the National Association of City Transportation Officials Urban Street Design Guide and Urban Bikeway Design Guidelines

4. Lighting.

- a. All lighting shall be full cut off style fixtures to reduce light pollution.
- b. No pole mounted light within the main tenant parking field shall be higher than 35 feet from its mount. The developer shall provide lower poles within smaller parking fields and access drives.
- c. Pedestrian style lighting shall be provided along the entry facades of each structure as well as multi-use paths and sidewalk areas that are not illuminated by parking lot lighting. Pedestrian lighting within the site shall coordinate with the City of Columbia Standard for the downtown area and be full cut off when appropriate.

5. Improvements to the Public Right of way

- a. One standard pedestrian/ road street light, shall be provided parallel to Assembly Street and Dreyfus rights of way per 80 feet of right of way, or as determined by the City Traffic Engineering Department. Lighting style, color, installation and all other specifications shall comply with all City Requirements and coordinate with downtown acorn fixture design or other approved design.
- b. Curb and Gutter shall be provided along Assembly Street and Dreyfus Road and turn the corner at the Ferguson Street intersection.
- c. The Buyer will provide signalization of Ferguson Street and Assembly Street contingent on DOT approval/permitting.
- d. All sidewalks shall comply with all ADA regulations. Crosswalks shall be provided at all intersections meeting requirements by the City Engineer.
- e. A pedestrian sidewalk shall be provided along the rights of way of Assembly Street and Dreyfus Road adjacent to the parcel. Walkways shall have a minimum width of 8 feet
- f. Shade trees shall be provided as single row of trees within a 5 foot-7 foot (7ft max. 5-foot min.) tree lawn. Shade trees shall be provided as a single row of trees between the separated bike facility and the pedestrian sidewalk. Trees alternating pattern. Flexibility as to location do to entries and site conditions may require wider or tighter spacing.
- g. Sidewalk pavement shall consist of a combination of scored concrete paving, and concrete pavers.
- h. Sidewalk areas located near development entrances and intersections shall be paved with concrete pavers and have detailing substantially similar to detailing located at the southwest corner of Assembly Street and Whaley Street.
- i. 8. Tree species shall be of a type that will at maturity canopy approximately 75% of the sidewalk area as shade during summer months.

- j. 9. A separated dedicated bike lane shall be provided parallel to Assembly Street and Dreyfus and shall be designed to allow future north south connections. The separated dedicated bike lane shall have clearly identifiable crossings at intersections or transitions to on road lanes or sharrows. Alternatively, a series of bike lanes, Cycle Tracks, or other bike amenities may be considered by the review committee and the developer at the time of construction or as indicated in the City of Columbia Pedestrian and Bicycle Master Plan draft or adopted document. All bike facilities within the right of way shall comply with NACTO Urban Bikeway Design Guide.

6. Environmental

- a. Stream buffers. The development shall exceed the BMP manual to utilize state of the art techniques to insure water quality is improved, while also complying with the City's Low Impact Development BMP Manual and Stream Buffer language when proposing site design with respect to quality and quantity.
- b. Relocations of streams shall create a naturalized effect through the use of topography, plant life, bank stabilization, and a path that meanders, etc.

EXHIBIT B-2**City of Columbia Best Management
Practice Design Manual**

DRAFT

EXHIBIT B-3**Rocky Branch and Rocky Branch Watershed Improvements**

The Buyer, its successors and assigns, shall make necessary improvements to the Bluff Road railroad embankment, remove the railroad trestle downstream of Olympia Avenue and enlarge the Olympia Avenue culvert crossing to enhance water quality and improve flooding conditions in the area to a degree that is acceptable to the Buyer, Seller, and County and as recommended in the Urban Study of the Rocky Branch Watershed by AMEC Environmental & Infrastructure, Inc. dated June 1, 2012, a copy of which is attached as Exhibit B-4 hereto and incorporated herein by specific reference thereto and as set forth in the motion approved by Columbia City Council on June 5, 2012, a copy of which is attached hereto as Exhibit ## and incorporated herein by specific reference thereto.

Buyer, Seller, and the County shall work together to create the optimum flooding, drainage, and water quality situation from Assembly street to the Congaree River. In addition to the three improvements specifically set forth in the previous paragraph, the Buyer shall facilitate and pay for all surveying, plans, permitting, and design of the improvements. In addition, the Buyer shall use its best efforts to perform any mitigation required by DHEC or the Army Corp of Engineers, for the Buyer's relocation of the onsite stream, within Rocky Branch.

EXHIBIT B-4**Urban Study
Rocky Branch Watershed**

DRAFT

EXHIBIT B

- A. The Property is conveyed subject to the following easements, restrictions, reservations, agreements, covenants, conditions (collectively the “Covenants”) and the following reversions and rights of re-entry (the “Reverter”):
1. The Property shall be held, developed and operated subject to and as provided in the Commercial Development Guidelines attached hereto and incorporated herein as Exhibit B-1.
 2. The Property shall be held, developed and operated subject to and as provided in the City of Columbia Best Management Practice Design Manual attached hereto and incorporated herein as Exhibit B-2.
 3. The Property shall be held, developed and operated subject to and as provided in the Rocky Branch and Rocky Branch Watershed Improvements attached hereto and incorporated herein as Exhibit B-3.
 4. The Property is subject to a right of reversion and re-entry running in favor of Grantor providing that if any of the Covenants is violated and Grantor records notice of such violation in the Richland County, South Carolina Register of Deeds Office, the Grantor shall be entitled to enter upon and take possession of the Property and title to the Property shall then immediately revert to, and rest in, Grantor, free and clear of all liens and encumbrances not existing on the date of this Deed, without the necessity of any further action by Grantor or Grantee. If the Reverter is triggered, Grantor, at its option, may request (“Request”) confirmation thereof by a reconveyance of the Property from Grantee to Grantor, with such reconveyance to occur by limited warranty deed, free and clear of all liens and encumbrances not existing on the date of this Deed, and no later than thirty (30) days after the Request. All closing costs of such reconveyance pursuant to the Reverter typically paid by the seller of real property in Richland County, South Carolina, shall be paid by the Grantee. Notwithstanding the foregoing, any reconveyance is merely confirmatory and is not required in order for title to the Property to vest in Grantor pursuant to the Reverter.
 5. The Property shall be cleared of all structures, at the Grantees expense, within ninety (90) days of closing.
- B. If the Grantee or its successors and assigns, or any developer, operator, tenant or person/entity in possession of all or any part of the Property (collectively the “Owner/Operator”) fails to comply with all of the Covenants or with the Request, the Grantor, its successors and assigns, shall, at its option, have the right to:
1. Assess and collect damages from the Owner/Operator in the amount of \$1,000 per day during the time such violation of the Covenants or failure to comply with the Request continues;

2. Repurchase the Property from Owner for a price of \$1,121,000.00 dollars, with the Property to be in the same condition as, and have no title exceptions other than those existing, on the date of this Deed. All closing costs associated with such repurchase shall be paid by the Owner including but not limited to attorneys' fees of Owner and Grantor, deed stamps/deed recording fees, recording costs, survey, and title insurance. Taxes to the date of such repurchase shall be paid by Owner. Closing shall occur, at Grantor's option, no later than sixty (60) days after notice from Grantor to Owner that Grantor is repurchasing the Property. Any liens or encumbrances on the Property not existing on the date of this Deed shall be removed, satisfied and released at Owner's expense; sales proceeds shall be utilized to so remove such liens and encumbrances; and
 3. Compel performance of the Covenants and/or the Request by specific performance or other legal proceeding.
- C. The Covenants set forth herein and the rights of Grantor to enforce such Covenants are separate and distinct from the laws, regulations, ordinances and requirements of the City of Columbia. Approval, disapproval, waiver or other action pursuant to the Deed by Grantor shall be separate and distinct from, and shall have no bearing on, the laws, regulations, ordinances and requirements of the City of Columbia.

EXHIBIT B-1

Commercial Development Guidelines

The Property shall be designed and developed in conformance with the Innovista Design Guidelines as amended June 5, 2018 and attached as reference with the following additions and clarifications.

- 1. Review.** Review of site, building and overall design of the project shall occur by a committee of city staff consisting of the Director of Planning and Development Services, Planning Administrator, Land Development Administrator, Urban Design Planner, and the City Storm Water Manager. Review and approval shall occur prior to submitting the project to the City of Columbia for development approval.
- 2. Architectural Style.** The context, form, layout and design features of the development shall consider urban forms as well as mill structures, and mill villages. Consideration of context shall be considered in relationship to architectural detailing, and materials. Standard suburban and/or marketing/branding Architecture and site design is not acceptable. The entire development shall be designed as unified whole.
- 3. Site Design and Relationship to Surrounding Community**
 - a. There will be no truck access from the site to Bluff Road, and the City of Columbia will consider traffic mechanisms that will limit through traffic and use of the area as an alternate route for railroad related traffic. The site will include a driveway and pedestrian access to Bluff Road to integrate the development into the Olympia Community.
 - b. The Buyer will work with USC and Comet to facilitate the location of a bus stop at the development.
 - c. The entire site shall be designed for pedestrian connectivity.
 - d. A minimum of one pedestrian connection to the site from each public right of way shall be provided for each vehicular access point.
 - e. Pedestrian connections that are adjacent to a vehicular access points or parking areas shall be separated by an average of six (6) feet of green space to be planted with trees.
 - f. Internal pedestrian connections shall interconnect with one another, and shall provide continental painted crosswalks at each point of crossing of vehicular areas.
 - g. Pedestrian areas to rear support functions and other non semi-public areas are not required.
 - h. Pedestrian connections to Bluff Road shall be provided.
 - i. Bicycle facilities shall be provided at a rate of one connection for each vehicular access point provided. Facilities shall be limited to interior circulation routes and not the general parking areas for vehicles.
 - j. Bike facilities shall be provided along Assembly Street per section 5. below.
 - k. Bike facilities and pavement markings shall be analyzed for the intersection of Assembly and Main Entry and shall be based upon final circulation layout and overall design.
 - l. A bike trail connection shall be provided from Bluff Road to Assembly Street and shall comply with best practices for trails providing for two-way traffic.
 - m. Bike parking layout and racks shall comply with the Association of Pedestrian and Bicycle Professionals Bicycle Parking Guidelines 2nd Edition or later.

- n. All bike facilities on public and private streets and on access roads adjacent to or within the development shall comply with the National Association of City Transportation Officials Urban Street Design Guide and Urban Bikeway Design Guidelines

4. Lighting.

- a. All lighting shall be full cut off style fixtures to reduce light pollution.
- b. No pole mounted light within the main tenant parking field shall be higher than 35 feet from its mount. The developer shall provide lower poles within smaller parking fields and access drives.
- c. Pedestrian style lighting shall be provided along the entry facades of each structure as well as multi-use paths and sidewalk areas that are not illuminated by parking lot lighting. Pedestrian lighting within the site shall coordinate with the City of Columbia Standard for the downtown area and be full cut off when appropriate.

5. Improvements to the Public Right of way

- a. One standard pedestrian/ road street light, shall be provided parallel to Assembly Street and Dreyfus rights of way per 80 feet of right of way, or as determined by the City Traffic Engineering Department. Lighting style, color, installation and all other specifications shall comply with all City Requirements and coordinate with downtown acorn fixture design or other approved design.
- b. Curb and Gutter shall be provided along Assembly Street and Dreyfus Road and turn the corner at the Ferguson Street intersection.
- c. The Buyer will provide signalization of Ferguson Street and Assembly Street contingent on DOT approval/permitting.
- d. All sidewalks shall comply with all ADA regulations. Crosswalks shall be provided at all intersections meeting requirements by the City Engineer.
- e. A pedestrian sidewalk shall be provided along the rights of way of Assembly Street and Dreyfus Road adjacent to the parcel. Walkways shall have a minimum width of 8 feet
- f. Shade trees shall be provided as single row of trees within a 5 foot-7 foot (7ft max. 5-foot min.) tree lawn. Shade trees shall be provided as a single row of trees between the separated bike facility and the pedestrian sidewalk. Trees alternating pattern. Flexibility as to location do to entries and site conditions may require wider or tighter spacing.
- g. Sidewalk pavement shall consist of a combination of scored concrete paving, and concrete pavers.
- h. Sidewalk areas located near development entrances and intersections shall be paved with concrete pavers and have detailing substantially similar to detailing located at the southwest corner of Assembly Street and Whaley Street.
- i. 8. Tree species shall be of a type that will at maturity canopy approximately 75% of the sidewalk area as shade during summer months.
- j. 9. A separated dedicated bike lane shall be provided parallel to Assembly Street and Dreyfus and shall be designed to allow future north south connections; such bike way shall connect to the Rocky Branch Creek Greenway. The separated dedicated bike lane shall have clearly identifiable crossings at intersections or transitions to on road lanes or sharrow. Alternatively, a series of bike lanes, Cycle Tracks, or other bike amenities may be considered by the review committee and the developer at the time of construction or as indicated in the City of Columbia Pedestrian and Bicycle Master Plan draft or adopted document. All bike facilities within the right of way shall comply with NACTO Urban Bikeway Design Guide.

6. Environmental

- a. Stream buffers. The development shall exceed the BMP manual to utilize state of the art techniques to insure water quality is improved, while also complying with the City's Low Impact Development BMP Manual and Stream Buffer language when proposing site design with respect to quality and quantity.
- b. Relocations of streams shall create a naturalized effect through the use of topography, plant life, bank stabilization, and a path that meanders, etc.

DRAFT

EXHIBIT B-2

City of Columbia Best Management Practice (BMP) Design Manual

Prepared for:



The City of Columbia, Utilities and Engineering Department
Columbia, South Carolina

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A. Design Aids

- Calculation Worksheets
 - Volume Calculation Tool
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 - Infiltration Trench
 - Dry Enhanced Swale
 - Grass Filter Strip
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 - Dry Enhanced Swale
 - Grass Filter Strip
 - Micropool Extended Dry Detention Pond
 - Wet Detention Pond

B. Maintenance Schedules

Chapter 1 – Stormwater Design Requirements

This chapter provides engineers, designers, developers, and others with the necessary information to assist with the development of systems that will control the rate, volume, and pollutants released from a new or re-development project. The City of Columbia Utilities and Engineering Department's Stormwater Division (SWD) has been authorized by law or agreement to enforce these design requirements. These design requirements are based on Best Management Practices and reference State and Federal regulations, engineering publications, and other municipal and academic guidance.

It is an overall goal of this Manual to provide a set of design standards that will result in effective stormwater management. The goal is to mitigate the impact of land development on existing/natural hydrologic and hydraulic processes, as well as attempt to prevent further degradation of the water resources in the City of Columbia through proper planning and design. The design professional is encouraged to use all means necessary to develop land in a manner consistent with City Ordinances, Engineering Regulations, and this Manual and to ensure the safety of the general public. Specific methods and applications not covered in this section must be discussed with the SWD for applicability.

NOTE: In addition to the content included in this manual, the Georgia Stormwater Management Manual (GSMM) will also be utilized, which uses the same methodology – specific GSMM sections to be used are cited with links to those specific sections throughout the document.

The following process (Figure 1.1) will be described in detail throughout this Manual, and will be the basis for compliance with the City of Columbia stormwater requirements:

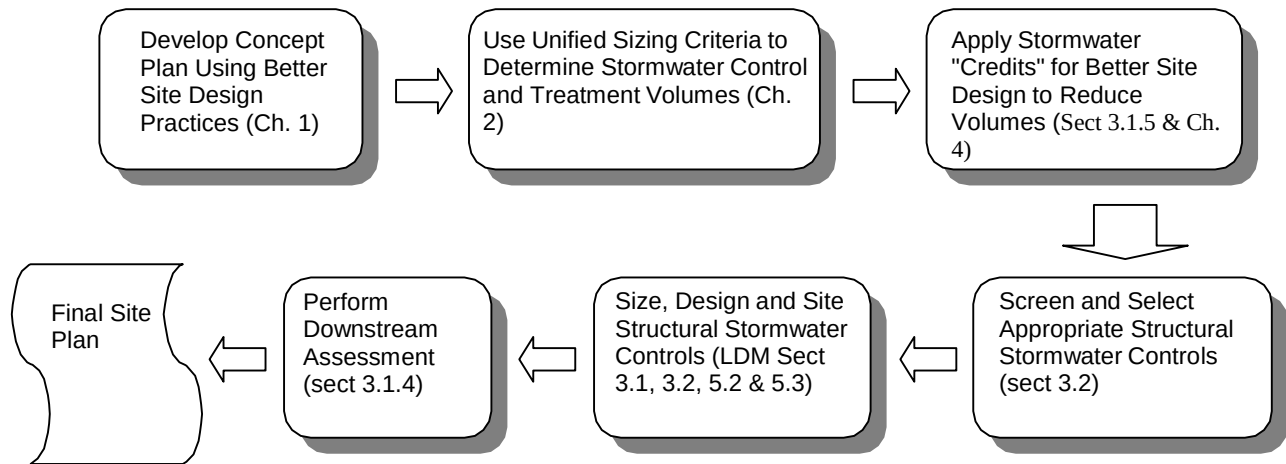


Figure 1.1 – Stormwater Compliance Process

1.1 General Requirements

General requirements for all stormwater systems will include, but not limited to the following:

1. The Uniform Sizing Criteria (USC) will be used as described in this Manual to address:
 - a. The Water Quality Volume (WQv)
 - b. The Channel Protection Volume (CPv)
 - c. Impacts from overbank and extreme flooding events (2- through 100-year)
 - d. Avoiding downstream water quality or quantity impacts
 - e. Applying proper volume “credits” to a site design
 - f. The specific design and performance requirements for each allowable BMP
2. All privately owned stormwater facilities shall have a maintenance agreement. This notarized covenant is to be recorded with the Register of Deeds in the City of Columbia.
3. Re-development is typically governed by the same design criteria as new developments, however the SWD reserves the right to alter (increase or decrease) the requirements for redevelopment to address specific conditions of the site or the receiving watershed.
4. All post-development BMPs must be protected from erosion and sedimentation during the construction phases; a final inspection by the City will be required to determine if additional action is needed to remove sediment deposits from post-construction BMPs. See Section 21-44 of the Stormwater Quantity and Quality Control Ordinance for further maintenance, construction, inspection and Notice of Termination (NOT) requirements for activities under a land disturbance permit. In cases where other City or SCDHEC sediment prevention and erosion control regulations are applicable, the most restrictive requirements will be adhered to.
5. An assessment of the presence/absence of wetlands/Waters of the State shall be performed on all sites by a qualified professional. If wetlands/Waters of the State are suspected to exist on a property, they shall be investigated and delineated by a qualified professional. If wetlands are to be impacted, the City will not issue a Land Disturbance Permit without a confirmation or denial letter from the US Army Corps of Engineers (USACE).
6. All stormwater management and sediment control practices shall be designed, constructed, and maintained with consideration for the proper control of mosquitoes and other vectors.
7. The entire watershed that drains to a particular design point shall be included in determining the appropriate design storm. All drainage systems regardless of size or classification (see sections 1.1.7 a-d below and the City of Columbia’s Utilities and Engineering Regulations for their Drainage Ordinance) shall be analyzed and designed as necessary to safely pass the 100-year storm event to avoid the likelihood of dwelling flooding, property damage or public access and/or utility interruption.

Example 1: a residential stormwater drainage system is required to collect and convey flows from a 10-year event. However, the designer estimated the depth of flow across roadways and other surfaces during a 100-year event, which were in excess of those that catch basins and inlets could collect and convey, but would ultimately be

directed to the receiving stormwater pond (or waterway). Those depths of flow, for the entire site, were determined to be below those that would cause flooding (or other damages) to neighboring/adjacent properties or cause an impediment to public access and/or utility interruption. Therefore, this system safely passes the 100-year storm event.

All computations shall be based on the contributing watershed, not just the project area or disturbed area. Classification of stormwater systems are as follows according to Part 4 of the City's Utilities and Engineering Regulations' Drainage Ordinance (Sec. 6-5004), and will be addressed in addition to satisfying the Unified Stormwater Sizing Criteria:

a. Minor Drainage Systems: 0 - <40 Acres

All drainage systems, excluding ponds that carry less than 40 acres of stormwater runoff shall be designed to carry flows resulting from a ten (10) - year storm event. Ditches and channels shall be provided to carry the runoff from a rain of fifty (50) year frequency with protection against channel erosion.

b. Collector Systems: 40 - <500 Acres

All drainage systems, excluding ponds, that carry at least 40 acres but less than 500 acres shall be designed to carry flows resulting from a twenty-five (25) - year storm event.

c. Major Drainage Systems: 500 and more Acres

All drainage systems, excluding ponds, that carry at least 500 and more acres shall be designed to carry a flow resulting from a fifty (50)-year storm event. Encroachment upon Major Drainage Channels and the adjacent overflow land shall be avoided to the maximum extent possible.

d. City or FEMA Floodplains: 640 and more Acres

Bridges and culverts being constructed in natural channels, creeks, or rivers draining more than 640 acres, shall be designed to carry a flow resulting from a one-hundred (100)-year storm event. Bridges and culverts shall be sized to accommodate a 50-year frequency rain fall, without increasing the depth of flow in the channel. Design of bridges and culverts shall conform to the current South Carolina State Highway Department construction specifications. Encroachment upon these channels shall be avoided to the maximum extent practicable, and new encroachments into an established floodway (excluding bridge piers) shall be avoided.

The Floodplain provisions in Part 22 of the City Utility and Engineering Regulations Manual shall apply, where applicable, to drainage systems which drain 640 or more acres.

1.2 Special Protection Areas

In an effort to address some of the most critical water resource problems that exist in the City, Special Protection Areas can be established. Those wishing to develop or redevelop lands within these protected areas will be required to comply with the minimum standards listed in the preceding sections (i.e. The Unified Stormwater Sizing Criteria) as well as a more stringent set of design criteria detailed below. These generally focus on either a water quantity or a water quality problem. For more information on areas to be considered as Special Protection Areas, contact Richland County.

1.2.1 Flooding Problem Areas

Flooding problem areas exist in locations around the City where development densities have increased to the point that stormwater controls have become overwhelmed, or where controls were never adequately designed or installed to control runoff (see map located at in Appendix C). In an effort to relieve existing flooding problems, the following list of design criteria will be required in designated areas. These areas are expected to change with time. The requirement in conjunction with the enforcement of other design criteria listed in the sections above, are expected to assist in reducing these problem areas.

1. The post-development, peak discharge rates is restricted to $\frac{1}{2}$ the pre-development rates for the 2, 5, 10 and 25-year storm events or to the downstream system capacity, whichever is less.
2. When deemed appropriate, the City's SWD can require that the limits of flooding under a 100-year event be established on the site, regardless of drainage area. If such a requirement is enacted by the SWD, a hydraulic modeling methodology consistent with FEMA studies will be used.
3. When deemed appropriate, the City's SWD can require that a downstream hydrologic (and/or hydraulic) analysis be performed to assess potential impacts to receiving properties and stormwater systems under a 100-year event, due to altered timing of released stormwater discharges (See Section 3.1.4). If such a requirement is enacted by the SWD, a hydrologic (and/or hydraulic) modeling methodology consistent with FEMA studies will be used. A more detailed discussion of this analysis is provided in [Section 2.1.9 of the GSMM](#).

Additional criteria may be established on a case by case basis.

1.2.2 Areas Associated with TMDLs and Impaired Waterbodies

In conjunction with the NPDES permitting program, SCDHEC, through delegated responsibility from EPA, must identify and mitigate impaired waterbodies. Impaired waterbodies are identified through a monitoring program, the results of which are compared against water quality standards developed to protect designated uses of individual waterbodies. Waterbodies that are not meeting water quality standards cannot be designated as fishing, swimming, recreation, and/or aquatic life areas. In accordance with Section 303 of the Clean Water Act states must release a

bi-annual report of impaired waterbodies. Waters listed on the 303(d) list will eventually have a TMDL developed, which represents the daily amount of a particular pollutant that a waterbody can receive and still meet the water quality standard for its designated use(s).

City of Columbia's 303(d) listed waters can be found at:

http://www.scdhec.gov/environment/water/tmdl/docs/tmdl_10-303d.pdf

For projects discharging to a 303(d) listed water the pollutant load reduction required along with the structural and non-structural BMPs that will be utilized to achieve that load reduction will be required to prevent further degradation. Water quality calculations must be provided to show that discharges from the site will not further degrade water quality. Procedures can be found in Section 2.4.3.

If a waterbody has an established TMDL the SWD will require that a plan be implemented that uses structural and nonstructural BMPs to reduce the current loading to either a certain total load or by a percentage. The plans to address the TMDLs will contain provisions for both existing and future land uses. TMDL waters in City of Columbia can be found at: http://www.scdhec.gov/environment/water/tmdl/docs/tmdl_10-303d.pdf.

Those areas affected will change as additional TMDLs are adopted, and it is the designer's responsibility to check for updated information from SCHDEC.

TMDL and 303(d) requirements listed in Section 2.4.3 only apply if the development project discharges a pollutant of concern based on the land use. For residential properties the applicable pollutants of concern include bacteria, sediment, dissolved oxygen and nutrients. For commercial properties the applicable pollutants of concern include, heavy metals, bacteria, dissolved oxygen and sediment.

Note: while dissolved oxygen (DO) is not considered a "pollutant", it is a measure of stream health/impairment. If a stream is impaired for low DO, the specific pollutants that can lead to low DO levels will be addressed.

1.2.3 Critical Water Bodies

Rocky Branch Creek, Smith Branch, Gills Creek, and Pen Branch are vital water resources for the City of Columbia, providing a vast habitat for aquatic life. Criteria listed below, in addition to the requirements detailed in this Manual, will be enforced for all new development and re-development projects near these water bodies. These design requirements shall specifically apply to stormwater runoff from all new development and re-development projects that is discharged to these water bodies.

The specific design requirements are as follows:

1. Water Quality:
 - a. All sites which disturb greater than one acre shall have a permanent water quality BMP in place to treat at least the runoff from the entire site for a 1.2-inch rainfall event. The Unified Stormwater Sizing Criteria method shall be used to determine the

- water quality volume (WQv), as described in Chapter 2. This volume shall be released for a minimum period of 24-hours when a detention pond is used. For other BMPs that address water quality, the design criteria provided in Sections 3.2-3.4 of the GSMM will be followed.
- b. All sites which disturb greater than one acre shall have a permanent water quality BMP in place to treat the Channel Protection Volume, which is associated with the 1-year storm event. The Unified Stormwater Sizing Criteria method shall be used to determine the channel protection volume CPv), as described in Chapter 2. This volume shall be released for a minimum period of 24-hours when a detention pond is used. For other BMPs which have the ability to address the channel protection volume, the design criteria provided in [Sections 3.2-3.4 of the GSMM](#) will be followed.
 - c. Due to lake boundary topography, it may be impractical to route all impervious areas to a water quality BMP. In such cases, exemptions for roof area and sidewalks may be allowed with documentation that every effort was made to route impervious areas to water quality BMPs to the maximum extent technically feasible. However, the water quality volume in the BMP must reflect that from the disturbed portion of the site (i.e. runoff from a 1.2-inch rainfall event). In no cases are roads and parking areas exempt. Area-weighting will be used to determine the net treatment for the water quality and channel protection volumes. Specific examples on how to qualify for credits that reduce the WQv and CPv requirements are provided in Chapter 4 of this document.
 - d. A pretreatment device such as a forebay, micro-pool, filter strips or vault, to remove debris and large sediments shall be constructed either as part of the water quality BMP or as a separate device. Specific sizing requirements, as provided in the GSMM, shall be followed.
 - e. Developments with a commercial land use or a parking lot which exceeds 2,000 ft² must include the ability to capture hydrocarbons either in pretreatment or in the main BMP(s).
2. Erosion Prevention:

All discharge points shall include energy dissipation features which reduce velocity to a non-erosive state of 5 fps for clay and 2.5 fps for sand unless site conditions warrant further evaluation. The use of level spreaders to dissipate energy and create a sheet flow discharge pattern is preferred over a single, large discharge pipe/channel. All energy dissipation measures shall be installed above the 360-foot elevation contour.

1.3 Better Site Planning

Through stormwater better site design practices and techniques, it is possible to reduce the amount of runoff and pollutants generated. Better site design concepts can be viewed as both water quantity and water quality management tools and can reduce the size and cost of required structural stormwater controls. The site design approach can better mimic the natural hydrologic conditions of the site, have a lower maintenance burden and provide for more sustainability. Better site design includes:

- Conserving natural features and resources
- Using lower impact site design techniques
- Reducing impervious cover
- Utilizing natural features for stormwater management

For each of the above categories, there are a number of practices and techniques that aim to reduce the impact of urban development and stormwater runoff from the site. These better site design practices are described in detail in Section 1.3.

For several of the better site design practices, there is a direct economic benefit to their implementation for both stormwater quality and quantity through the application of site design “credits.” In terms of the unified stormwater sizing criteria, Table 1.1 shows how the use of nonstructural site design practices can provide a reduction in the amount of stormwater runoff required to be treated and/or controlled through the application of site design credits.

Table 1.1 Reductions or “Credits” to the Unified Stormwater Sizing Criteria through the Use of Better Site Design Practices	
Sizing Criteria	Potential Benefits of the Use of Better Site Design Practices
Water Quality (WQ _V)	• Better site design practices that reduce the total amount of runoff will also reduce WQ_V by a proportional amount. • Certain site design practices will allow for a further reduction to the Water Quality Volume. The site design credits are discussed in Section 3.8.
Channel Protection, Overbank Flood Protection, and Extreme Flood Protection (CP _V , Q _{FP} , Q ₁₀₀)	• The use of better site design practices that reduce the total amount of runoff will also reduce CP_V, Q_{FP}, and Q₁₀₀ by a proportional amount. • Floodplain preservation may allow waiving of overbank flood and/or extreme flood protection requirements.

1.3.1 Stormwater Better Site Design

The first step in addressing stormwater management begins with the site planning and design process. By implementing a combination of these nonstructural approaches (aka: better site design practices), it is possible to reduce the amount of runoff and pollutants a site generates from a site and provide for some nonstructural on-site treatment and control of runoff. The goals of better site design include:

- Managing stormwater (quantity and quality) as close to the point of origin as possible and minimizing collection and conveyance
- Preventing stormwater impacts rather than mitigating them
- Utilizing simple, nonstructural methods for stormwater management that are lower cost and lower maintenance than structural controls
- Creating a multifunctional landscape
- Using hydrology as a framework for site design

The aim of better site design is to reduce the environmental impact “footprint” of the site while retaining and enhancing the owner/developer’s purpose and vision for the site. Many of the better site design concepts can reduce the size and cost of necessary drainage infrastructure and structural stormwater controls while maintaining or even increasing the value of the property.

Several of the site design practices described in this section provide a calculable reduction or site design “credit” which can be applied to the unified stormwater sizing criteria requirements. The use of stormwater better site design can also have a number of other ancillary benefits including:

- Reduced construction costs
- Increased property values
- More open space for recreation
- More pedestrian friendly neighborhoods
- Protection of sensitive forests, wetlands and habitats
- More aesthetically pleasing and naturally attractive landscape
- Easier compliance with wetland and other resource protection regulations

1.3.2 List of Stormwater Better Site Design Practices and Techniques

The stormwater better site design practices and techniques allowed for in this Manual are grouped into four categories and are listed below:

- Conservation of Natural Features and Resources
 - Preserve Undisturbed Natural Areas
 - Preserve Riparian Buffers
 - Avoid Floodplains

- Avoid Steep Slopes
- Minimize Siting on Porous or Erodible Soils
- Lower Impact Site Design Techniques
 - Fit Design to the Terrain
 - Locate Development in Less Sensitive Areas
 - Reduce Limits of Clearing and Grading
 - Utilize Open Space Development
 - Consider Creative Development Design
- Reduction of Impervious Cover
 - Reduce Roadway Lengths and Widths
 - Reduce Building Footprints
 - Reduce the Parking Footprint
 - Reduce Setbacks and Frontages
 - Use Fewer or Alternative Cul-de-Sacs
 - Create Parking Lot Stormwater "Islands"
- Utilization of Natural Features for Stormwater Management
 - Use Buffers and Undisturbed Areas
 - Use Natural Drainage ways Instead of Storm Sewers
 - Use Vegetated Swale Instead of Curb and Gutter
 - Drain Rooftop Runoff to Pervious Areas

More detail on each site design practice is provided in the Stormwater Better Site Design Practice Summary Sheets in [subsection 1.4.2 of the GSMM](#). These summaries provide the key benefits of each practice, examples and details on how to apply them in site design. Site design should be done in unison with the design and layout of stormwater infrastructure in attaining stormwater management goals. Figure 1.2 illustrates the stormwater better site design process that utilizes the four better site design categories.

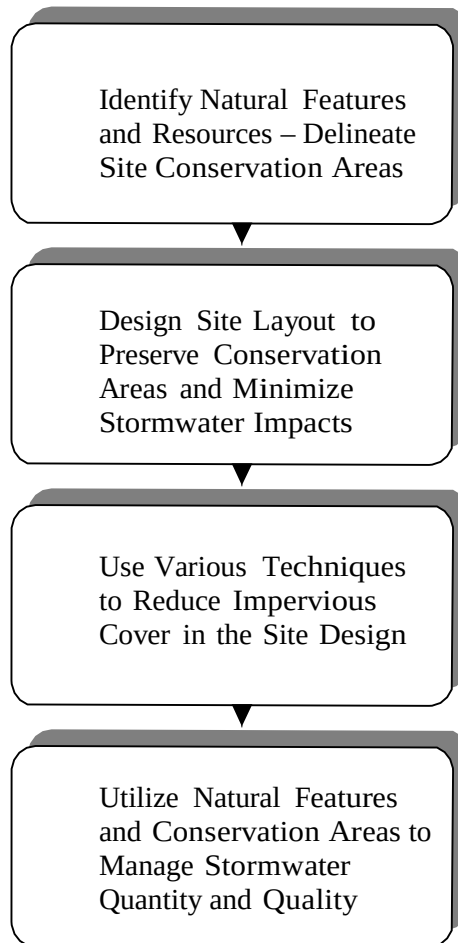


Figure 1.2 - Stormwater Better Site Design Process

1.4 Water Quality Control Requirements

Water quality control is an integral and required component of overall stormwater management systems to preserve the water resources of City of Columbia. New development and re-development projects must include controls that treat or otherwise limit the discharge of pollutants. These requirements are due to State and Federal requirements. Because this is a requirement of stormwater design, this section provides background information, references, and design standards addressing water quality. This section will utilize the better site design methods described in Section 1.3, as well as the credits described in Chapter 4, to reduce the volumes that must be treated.

Note: The designer must also comply with the buffer requirements described in [Section 21-46. - Watercourse Protection of the City's Stormwater Ordinance](#) where the City buffer requirements may differ from those required by SCDHEC in the NPDES Construction General Permit (CGP), the more restrictive buffer requirements (i.e. larger) will be required.

1.4.1 Design Requirements

The following design criteria are established for water quality control and shall be incorporated by the use of BMPs for a given project area unless a specific water quality waiver is granted by the City's SWD. Incorporation of these requirements shall constitute adequate control of the discharge of the pollutants of concern.

1. All projects requiring a land disturbance permit, as defined in the City Stormwater Ordinance (Section 21-40/43), shall have permanent water quality BMPs installed according to the criteria listed in Chapter 2. Stormwater discharges to special protection areas with sensitive resources are subject to additional performance criteria (See Section 1.2).
2. Permanent water quality ponds and water quality structures having a permanent pool elevation shall be designed to store the runoff from the contributing area of the site from a 0.6-inch rainfall event, and release the accumulated water quality volume (WQv) over a minimum period of 24-hours.
3. Permanent water quality structures not having a permanent pool elevation shall be designed to store the runoff from the contributing area of the site from a 1.2-inch rainfall event, and release the accumulated WQv over a minimum period of 24-hours.
4. Engineered devices that are designed to treat the runoff volume from a project area may be substituted for a permanent water quality pond, if appropriate.
5. BMPs used for water quality shall have a pretreatment device as part of the BMP or treatment system. Options include forebays, vaults, or other devices that remove debris and coarser sediments from the drainage system.
 - a. Forebays shall be placed inside the main pond area or upstream of the main storage pond area.

- b. Unless a separate vault is to be used for the forebay, the forebay shall be separated from the larger detention area by barriers or baffles that may be constructed of earth, stones, riprap, gabions, or geotextiles. The barrier and/or baffles act as a trap for coarse sediments and minimize their movement into the main pond.
 - c. Maintenance of forebays will be needed more frequently than the main storage area and all designs, maintenance schedules must consider this need.
 - d. Forebays shall be sized to provide a volume for 0.1-inches of runoff from impervious surfaces,
6. Projects that discharge either directly or indirectly into an impaired waterbody as determined by the existence of an adopted TMDL by SCDHEC or through SCDHEC's listing of the waterbody on the latest 303(d) list shall be required to reduce pollutant loads so as to meet applicable water quality standards or other criteria listed in an adopted TMDL, such as percent reductions. More background information is covered in Section 1.2.2. This will require the installation and implementation of measures which are expected to adequately reduce pollutant loads to levels required by the TMDL or prevent future impairments as required by the current 303(d) list.
 - a. If the site disturbs less than 25 acres, an evaluation of the BMPs chosen to control the release of pollutants must be provided. Such evaluations may reference published values on BMP effectiveness or provided in Appendix A.
 - b. If greater than 25 acres, a comprehensive quantitative and qualitative analysis shall be provided, and include at a minimum calculations that show:
 - A site's pollutant load for all pollutants of concern (see Table 1.2),
 - The trapping effectiveness of the chosen BMPs based on City rainfall statistics and soil types, and
 - The runoff discharged through the last water quality BMP shall have a water quality level equal to or better than the in-stream standard. Standards are listed in the table below. If an adopted TMDL is in place for the receiving water, calculations must show pre- and post-BMP loads and percent reduction achieved.
7. All BMPs must have a maintenance plan. Example maintenance agreements are included in the appendix.
8. A credit system is available from the SWD that offers alternatives on how a site meets these water quality requirements (Chapter 4). However, S.C. DHEC minimum stormwater criteria must be met.
9. The SWD reserves the right to require specific effluent limits for any pollutant from a site if necessary to ensure the water quality standards and other local, State, and Federal water quality regulations are met. The SWD also reserves the right to not allow credits at certain sites.

10. Annual groundwater recharge rates must be maintained to the maximum extent practical by promoting infiltration through the use of structural and non-structural methods.
11. Literature, signage, or other documentation shall be provided to owners and HOAs to educate and train themselves on the impact they can have on water quality and the activities necessary to maintain structural controls, as appropriate. These efforts are particularly critical in LID designs.

Table 1.2: SCDHEC/USEPA Water Quality Standards

Pollutant	Standard
*Bacteria	200 CFU/100-mL
Total Nitrogen	1.5 mg/L
Total Phosphorus	0.06 mg/L
TSS	80% reduction or 0.5 mg/L
Metals	See SCDHEC Reg. 61-68

*Impairment is based on 10%-exceedances of 400 CFU/100-mL

1.4.2 General Design Procedures

If the proposed project does **not** discharge to a receiving water that is either impaired (303(d) listed) or has an adopted TMDL, stormwater treatment is achieved through addressing the USC. Use Table 1.2 to determine the pollutants of concern based on the proposed land use or disturbing activity. Then use Appendix A to help select BMPs to treat the pollutants of concern. The design of all BMPs must follow the process described below:

1. Calculate the water quality volumes using the USC equations in Chapter 2
2. Look for opportunities to reduce runoff through better site design (See Section 1.3)
3. Identify crediting opportunities for reduced volumes identified in Step 2 (See Chapter 4)
4. Review BMP suitability (See Section 3.2.7)
5. Perform BMP sizing calculations ([See GSMM Section 3.2-3.4](#))
6. Compute stage-storage and stage-discharge relationships of the outlet control structure(s).
7. Repeat Steps 2-6 until initial design criteria is met
8. Check for treatment train (i.e. a series of BMPs) efficiency as needed (See Section 3.2.8)
9. Check for downstream impacts (See Section 3.1.4), revise the design as needed
10. Check for opportunities to reduce peak discharges due to WQv (See Section 3.1.5)
11. Repeat Steps 5-10, as needed, until final criteria is met
12. Design off-line diversions as needed (See Section 3.2.9)

Note: For engineered devices, alternative calculations other than detailed here must be provided. SCDHEC has accepted some such devices as providing adequate treatment.

1.4.3 Design Procedures for Impaired Waters and TMDLs

If the receiving water of the project is impaired (303(d) listed) or has an adopted TMDL, in addition to the design procedures in Section 1.4.2, the applicant must show some additional calculations of the BMPs to treat stormwater runoff. For 303(d) listed impaired waters, water quality calculations must be provided that show that discharges from the site will not further degrade water quality. This analysis must be quantitative and qualitative. The most up to date information in impaired water and adopted TMDLs is available from SCDHEC's website. The appropriate steps include:

Determine if the site discharges to a receiving water that is impaired (303(d) list) or has an adopted TMDL(s). A list of the City's 303(d) listed waters and TMDLs can be found at:

http://www.scdhec.gov/environment/water/tmdl/docs/tmdl_10-303d.pdf

- A waterbody may be listed on the 303(d) list and have an approved TMDL. It is important that both the 303d list and TMDL listing are both checked to determine if there is more than one impairment
- Determine all the pollutants causing the impairments or listed in the TMDL(s). The percent reduction provided in the TMDL is the default level of treatment needed from the permanent BMPs on the site. City of Columbia SWD may reduce this requirement to a lower percentage on a case by case basis.
- If the receiving water is on the 303(d) list, calculate the post construction load for the pollutant(s) of concern. A possible equation is the Schuler Simple Method (Schueler 1987). This method is based on an extensive database obtained in Washington, D.C. for the National Urban Runoff Program (NURP). The Simple Method estimates pollutant loads from urban development by the following equation:

$$L = 0.227(Q P_j R_v C A) \quad \text{Equation 1}$$

Where:

L = Pollutant load in pounds per desired time interval,

Q = Rainfall depth,

0.6-inch for wet ponds, some wetlands,

1.2-inch for all other BMPs,

P_j = Fraction of rainfall events over the time interval that produce runoff

P_j = 1 for a single event

P_j = 0.9 for larger time intervals (months, years),

R_v = Volumetric runoff coefficient expressing the fraction of rainfall converted to runoff (See Equation 2),

C = Event mean pollutant concentration in mg/l (See Table 3.3),

A = Total area of site in acres (areas < 640 acres are recommended for this method).

$$R_v = 0.05 + 0.09(I) \quad \text{Equation 2}$$

Where: **I** = percent impervious cover (i.e. I = 30 for 30% impervious cover)

- If the receiving water is on the 303(d) list only (no TMDL), calculate the allowed load to meet water quality standards using equation 1. Replace variable C with the concentration of the water quality standard for the pollutant of concern listed in Table 1.2. Then compute the percent needed to reduce the post construction pollutant load from the allowed load.
- Use Appendix A to help select BMPs to treat the pollutants of concern. The last table in Appendix A provides an estimate of how effective a given BMP will be. The BMPs chosen must be able to achieve the required percent reductions in the TMDL or the required load reduction calculated for 303(d) listed waters computed in the previous step.
- If the receiving water is listed on the 303(d) list and has an approved TMDL calculate the load reduction for the pollutant of concern for the water way on the 303(d) list. Compare the percent reduction required to the percent reduction listed in the TMDL. Select BMPs for the pollutant that has the highest percent reduction requirement (i.e. TMDL or 303(d) reduction requirement whichever is highest).
- Revise chosen BMPs until required percent reductions are achieved.
- Provide all calculations in submittal package in a cohesive, easy to follow organization.

Table 1.3 Event Mean Concentration (EMC) Pollutant Loading for Various Land Uses (mg/l)												
Land Use	EMC Pollutant Loading (mg/l)											
	BOD	COD	TSS	TDS	TP	DP	TKN	NO ₂ / NO ₃	Pb	Cu	Zn	Cd
Forest Rural Open	3	27	51	415	0.11	0.03	0.94	0.80	0.000	0.000	0.000	0.000
Urban	3	27	51	415	0.11	0.03	0.94	0.80	0.014	0.000	0.040	0.001
Agricultural/Pasture	3	53	145	415	0.37	0.09	1.92	4.06	0.000	0.000	0.000	0.000
Low Density Residential	38	124	70	144	0.52	0.27	3.32	1.83	0.057	0.026	0.161	0.004
Medium Density Residential	38	124	70	144	0.52	0.27	3.32	1.83	0.180	0.047	0.176	0.004
High Density Residential	14	79	97	189	0.24	0.08	1.17	2.12	0.041	0.033	0.218	0.003
Commercial	21	80	77	294	0.33	0.17	1.74	1.23	0.049	0.037	0.156	0.003
Industrial	24	85	149	202	0.32	0.11	2.08	1.89	0.072	0.058	0.671	0.005
Highways	24	103	141	294	0.43	0.22	1.82	0.83	0.049	0.037	0.156	0.003
Water/Wetlands	4	6	6	12	0.08	0.04	0.79	0.59	0.011	0.007	0.003	0.001

Adapted from NURP (1983), Horner et. al (1994), and Cave et. Al. (1994)

BOD	=	Biochemical Oxygen Demand	TKN	=	Total Kjeldahl Nitrogen
COD	=	Chemical Oxygen Demand	NO ₂ /NO ₃	=	Nitrates / Nitrites
TSS	=	Total Suspended Solids	Pb	=	Lead
TDS	=	Total Dissolved Solids	Cu	=	Copper
TP	=	Total Phosphorus	Zn	=	Zinc
DP	=	Dissolved Phosphorus	Cd	=	Cadmium
BIO	=	Macroinvertebrates			

Fecal coliform (FC) concentrations were not provided in the table above due to the large variability. Guidance from SCHDEC, Beaufort County (2010, Manual for Stormwater Best Management Practices) and Harper (2007, Evaluation of Current Stormwater Design Criteria Within the State of Florida) should be sought when estimating existing and post-development bacteria loads and the reduction requirements.

Chapter 2 – Unified Sizing Criteria

This section presents an integrated approach for meeting the stormwater runoff quality and quantity management requirements by addressing the key adverse stormwater runoff impacts from site development and redevelopment. The purpose is to provide a design framework, which will be required for all sites, to:

- Remove stormwater runoff pollutants and improve water quality
- Prevent downstream streambank and channel erosion
- Reduce downstream overbank flooding
- Safely pass or reduce the runoff from extreme storm events

For these objectives, an integrated set of engineering criteria, known as the Unified Stormwater Sizing Criteria, have been developed to size and design structural stormwater controls. More detailed discussions on the Unified Sizing Criteria can be found in [Section 1.3 of the GSMM](#). Table 2.1 below briefly summarizes the criteria. An example problem, with detailed solution, is provided in Appendix B. Calculation tools can be found in Appendix C.

Table 2.1 Summary of the Unified Sizing Stormwater Sizing Criteria for Stormwater Control and Mitigation	
Sizing Criteria	Description
Water Quality	Treat the runoff from the vast majority of the storms that occur in an average year. For the City, this equates to providing water quality treatment for the runoff (from an entire site) from 1.2 inches of rainfall.
Channel Protection	Provide extended detention of the 1-year storm event released over a period of 24 hours to reduce bank-full flows and protect downstream channels from erosive velocities and unstable conditions.
Overbank Flood Protection	Provide peak discharge control of the 25-year storm event such that the post-development peak rate does not exceed the predevelopment rate to reduce overbank flooding (2-, 5-, 10- and 50-yr events are also detained/retained to meet pre-development rates.)
Extreme Flood Protection	Evaluate the effects of the 100-year storm on the stormwater management system, adjacent property, and downstream facilities and property. Manage the impacts of the extreme storm event through detention controls and/or floodplain management.

Each of the unified stormwater sizing criteria are intended to be used in conjunction with the others to address the overall stormwater impacts from a development site, for the entire range of critical hydrologic events. Figure 2.1 graphically illustrates that the criteria are "stacked" upon one another. For example, the extreme flood protection volume requirement also contains the channel protection volume and the water quality treatment volume. Figures 2.2a and 2.2b show how these volumes would be stacked in a typical stormwater wet or dry pond designed to handle all four criteria. Figure 2.2c provides additional details on a typical outlet structure configuration.

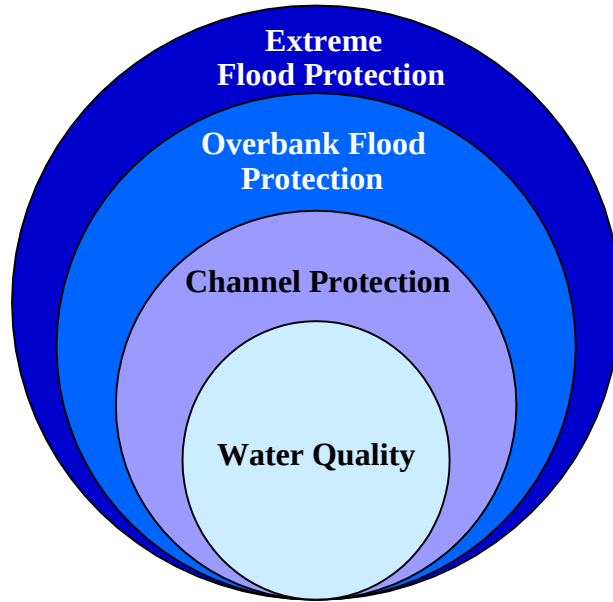


Figure 2.1: Representation of the Unified Stormwater Sizing Criteria

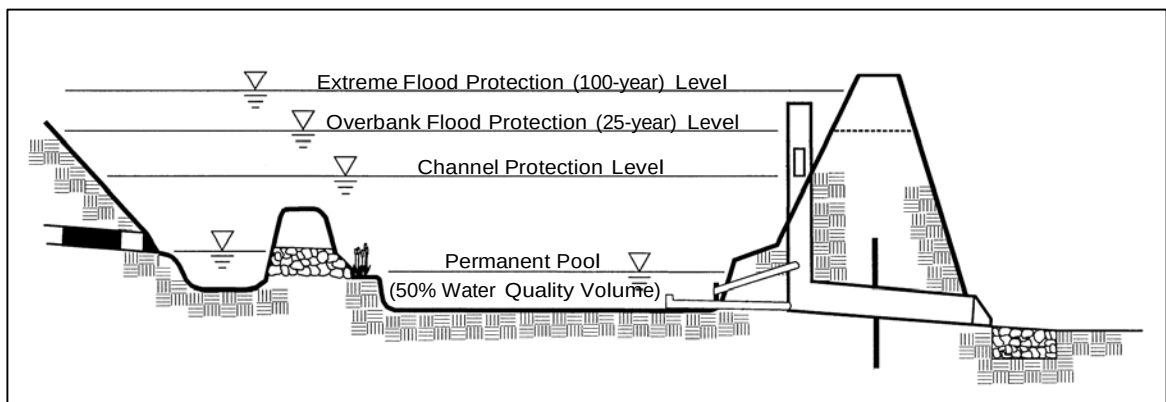


Figure 2.2a: Unified Sizing Criteria Water Surface Elevations in a Wet Pond

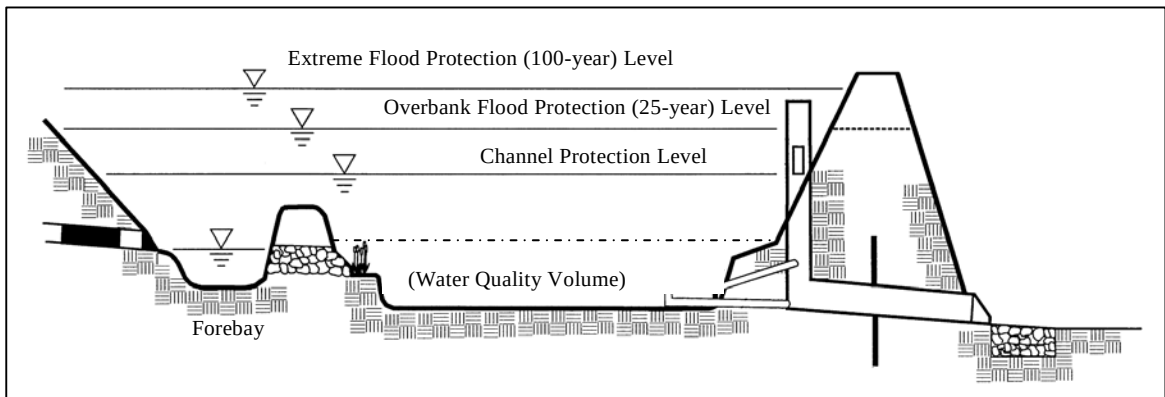


Figure 2.2b: Unified Sizing Criteria Water Surface Elevations in a Dry Pond

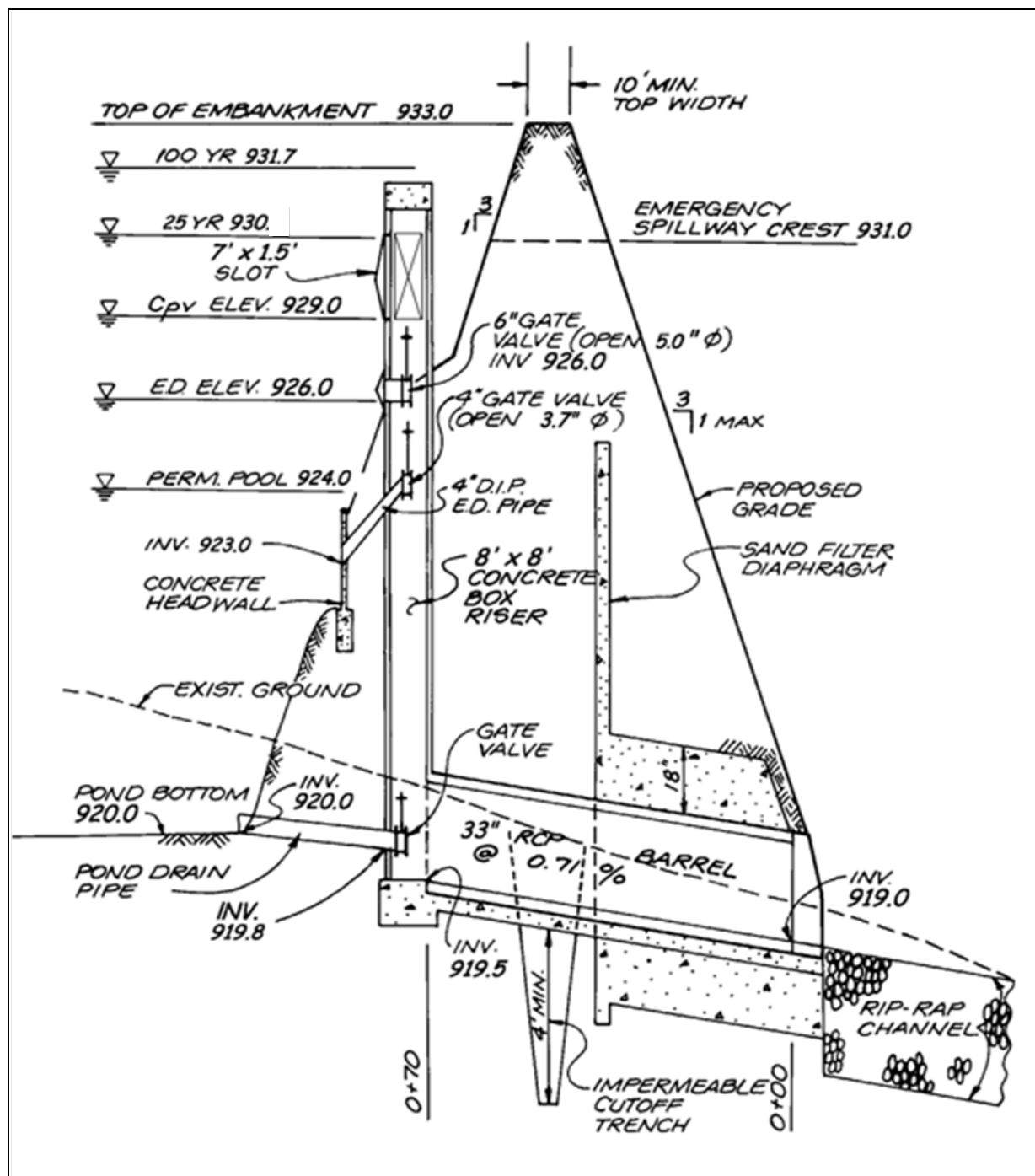


Figure 2.2c: Example of Unified Sizing Criteria Outfall Structure Details

The following pages describe the four sizing criteria in detail and present guidance on how to properly compute and apply the required storage volumes.

2.1 Water Quality (WQv)

The Water Quality sizing criterion, denoted WQv, specifies a treatment volume required to remove a significant percentage of the total pollution load inherent in stormwater runoff. This is done by intercepting and treating the runoff from approximately 85% of the storms that are expected to occur during the course of a “typical” year. It is also expected that a portion of the runoff from all storms greater than 1.2 inches can also be treated. WQv is a runoff volume that is directly related to the amount of impervious cover at a site.

The volumetric runoff coefficient (Rv) and the site area are the key factors used in this calculation, as shown in the formula below:

$$WQ_V = \frac{1.2R_V A}{12} \quad \text{where:}$$

WQ_V = water quality volume 1.2-inch rainfall (in acre-feet)

A = site area in acres

R_V = 0.05 + 0.009(I) where:

I is entered as percent impervious cover (i.e. I = 30 for 30% impervious cover)

Pollutant Reduction Goal

This Unified Sizing Criteria, and other supporting elements of the BMP Manual, follows the philosophy of removing pollutants to the “maximum extent practicable” (MEP) or the “maximum extent technically feasible” (METF) through the use of a percentage removal performance goal. The approach taken by the City is to require treatment of the WQv from a site to reduce post-development total suspended solids (TSS) loadings by 80%, as measured on an average annual basis. This performance goal is based upon U.S. EPA guidance and has been adopted nationwide by many local and statewide agencies. This method has also been shown to address other pollutants of concern to the MEP/METF, as both runoff volume reduction and sediment loads, which pollutants can be bound to, are addressed. Furthermore, when coupled with the Channel Protection sizing criterion, which detains and treats even greater flows, the goals of SCDHEC Regulation 72-300 will be met.

Determining the Water Quality Volume (WQv)

- **Measuring Impervious Area:** The area of impervious cover can be taken directly off a set of plans or appropriate mapping. Where this is impractical, NRCS TR-55 land use/impervious cover relationships can be used to estimate impervious cover. **I is expressed as a percent value not a fraction (e.g., I = 30 for 30% impervious cover)**
- **Multiple Drainage Areas:** When a development project contains or is divided into multiple drainage areas, WQv must be calculated and addressed separately for each drainage area.
- **Off-site Drainage Areas:** Off-site existing impervious areas may be excluded from the calculation of the WQv volume.
- **Credits for Site Design Practices:** The use of certain better site design practices may allow the WQv volume to be reduced through the subtraction of a site design “credit.” These site design credits are described in Chapter 4.

- Determining the Peak Discharge for the Water Quality Storm: When designing off-line structural control facilities, the peak discharge of the water quality storm (Q_{wq}) can be determined using the method provided later in this Chapter.
- Extended Detention of the Water Quality Volume: The water quality treatment requirement can be met by providing a 24-hour drawdown of a portion of WQ_v in a stormwater pond or wetland system. Referred to as water quality ED (extended detention), it is different than providing extended detention of the 1-year storm for the channel protection volume (CP_v). The ED portion of the WQ_v may be included when routing the CP_v.
- WQ_v can be expressed in cubic feet by multiplying by 43,560.
- WQ_v can also be expressed in watershed-inches by removing the area (A) and the “12” in the denominator.

2.2 Channel Protection (CP_v)

The Channel Protection sizing criterion specifies that 24 hours of extended detention be provided for runoff generated by the 1-year, 24-hour rainfall event to protect downstream channels.

- CP_v control is not required for sites with minimal areas or imperviousness which result in post-development discharges less than 2.0 cfs.
- The use of nonstructural site design practices that reduce the total amount of runoff will also reduce the channel protection volume by a proportional amount.
- The channel protection criteria may be waived by a local jurisdiction for sites that discharge directly into larger streams, rivers, wetlands, or lakes where the reduction in the smaller flows will not have an impact on streambank or channel integrity.

The increase in the frequency and duration of bank-full flow conditions in stream channels due to urban development is the primary cause of streambank erosion and the widening and down-cutting of stream channels. Therefore, channel erosion downstream of a development site can be significantly reduced by storing and releasing stormwater runoff from the channel-forming runoff events (which correspond approximately to the 1-year storm event) in a gradual manner to ensure that critical erosive velocities and flow volumes are not exceeded.

Determining the Channel Protection Volume (CP_v)

- Rainfall Depths: The rainfall depth of the 1-year, 24-hour storm is 3.1 inches.
- Multiple Drainage Areas: When a development project contains or is divided into multiple drainage areas, CP_v may be distributed proportionally to each drainage area.
- Off-site Drainage Areas: Off-site drainage areas must be modeled as “present condition” for the 1-year storm event. If there are adequate upstream channel protection controls, then the
- Off-site area can be modeled as “forested” or “natural” condition. A structural stormwater control located “on-line” will need to safely bypass any off-site flows.
- Routing/Storage Requirements: The required storage volume for the CP_v may be provided above the WQ_v storage in stormwater ponds and wetlands with appropriate hydraulic control structures for each storage requirement.
- Control Orifices: Orifice diameters for CP_v control of less than 3 inches are not recommended without adequate clogging protection.

Specific Methodology:

1. Compute Initial Abstraction divided by rainfall, (I_a/P) for given hydrologic parameters:
 - o $P = 3.1$ inches
 - o $I_a = 0.2*(1000/CN-10)$
 - o $T_c =$ as per TR-55
2. From Chart 2.1, read Unit Peak Discharge (q_u) for given post developed time of concentration (t_c) and computed I_a/P (in csm/inch).
3. From attached Chart 2.2, read ratio of Outflow to Inflow (q_o/q_i) for 24-hr detention or from the equation:

$$q_o/q_i = 12.03 q_u^{-0.9406}$$

4. Compute the ratio of the volume of storage divided by the volume of runoff (v_s/v_r) from Chart 3.3 or by equation where:

$$v_s/v_r = 0.683 - 1.43(q_o/q_i) + 1.64 (q_o/q_i)^2 - 0.804(q_o/q_i)^3$$

5. Estimate Channel Protection Volume (Cp_v);

$$Cp_v = v_r(v_s/v_r)(A)/12 \text{ in acre-feet.}$$

Where: v_r = the post-developed volume of runoff depth for the 1-yr 24-hr storm in inches

A = the drainage area in acres, and

12 = a conversion factor.

Or

$$Cp_v = v_r(v_s/v_r) \text{ in acre-feet.}$$

Where: v_r = the post-developed volume of runoff volume for the 1-yr 24-hr storm in acre-feet

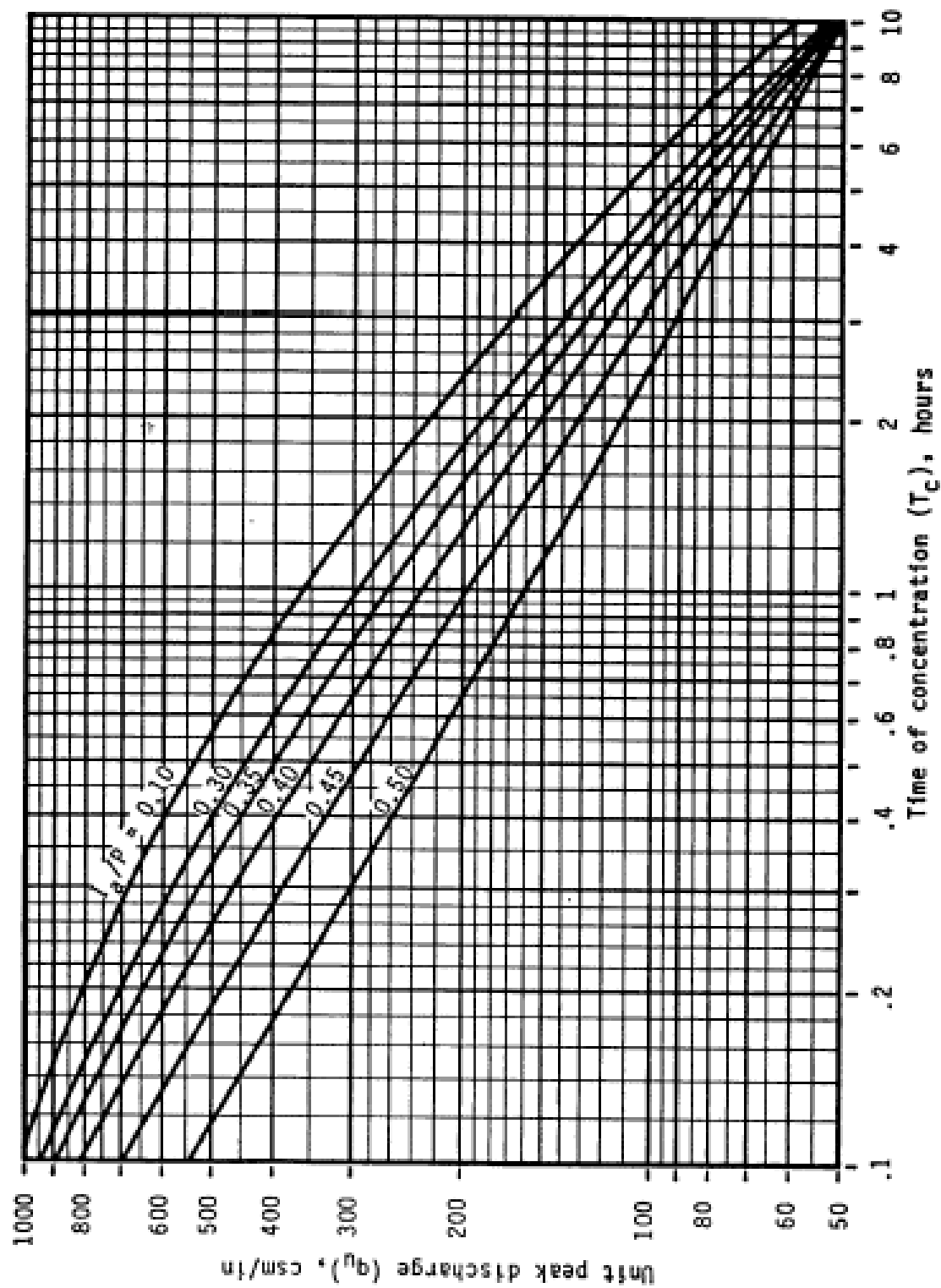


Figure 2.1.5-6
 SCS Type II Unit Peak Discharge Graph
 (Source: SCS, TR-55, Second Edition, June 1986)

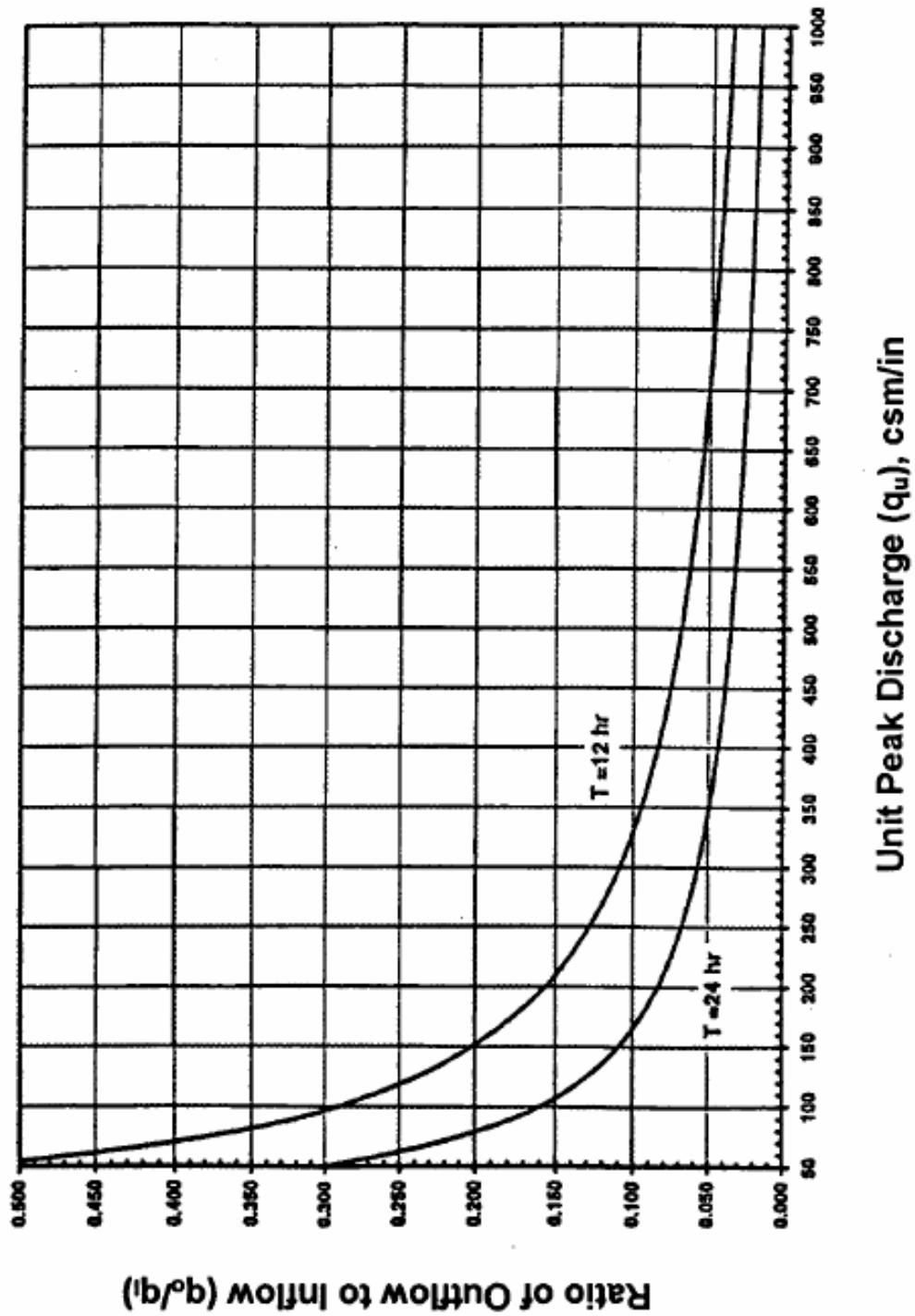


Chart 2.1
SCS Type II Unit Discharge Graph
(Source: SCS, TR-55, Second edition, June 1986)

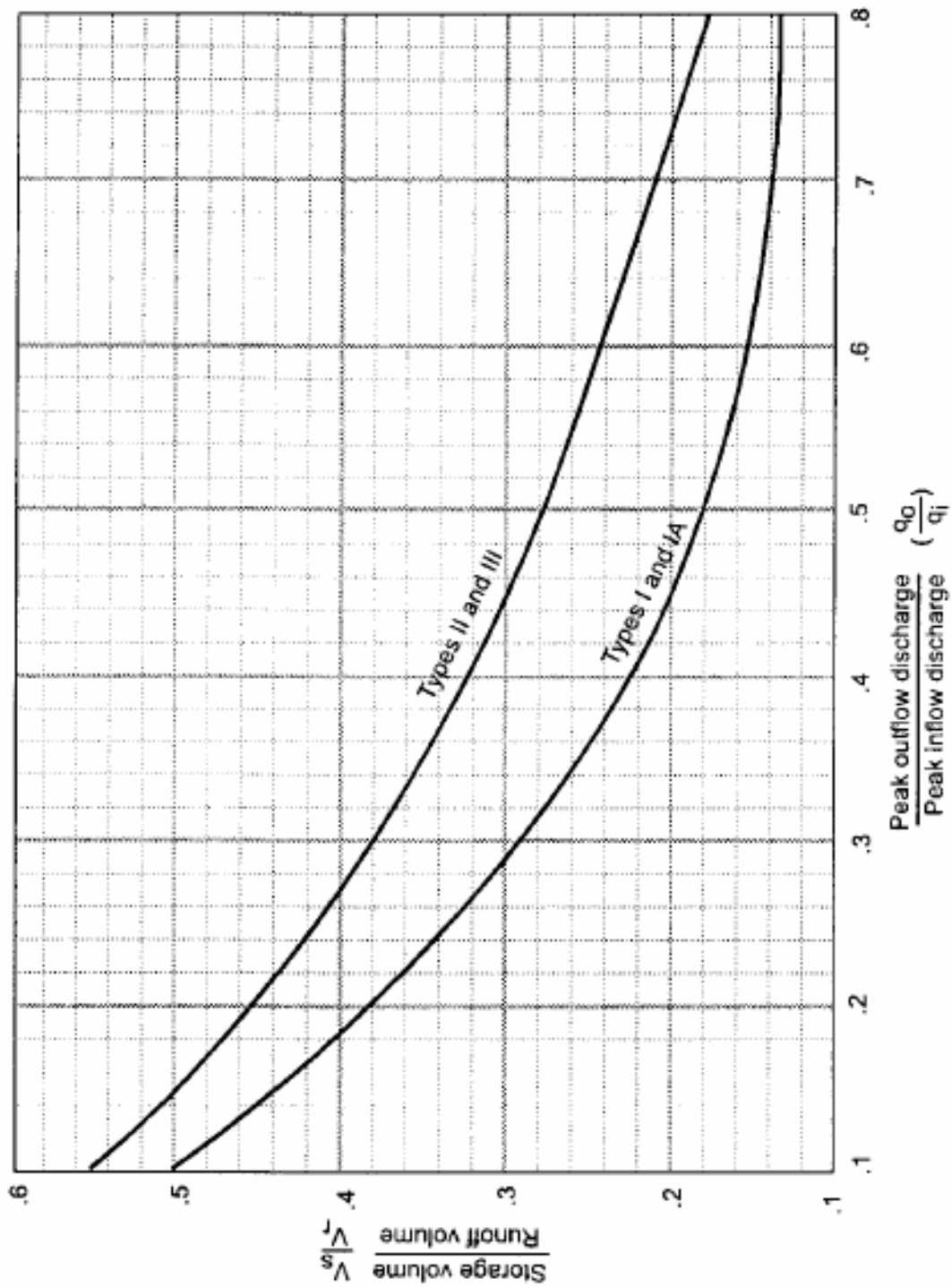


Chart 2.3
Approximate Detention Basin Routing for Rainfall Types I, IA, II and III
 (Source: TR-55, 1986)

2.3 Overbank Flood Protection (Q_{FP})

The Overbank Flood Protection criterion specifies that the post-development 2-year and 10-year (also 25-year for site 40 acres and larger), 24-hour storm peak discharge rates not exceed the pre-development (or undisturbed natural conditions) discharge rate. This is achieved through detention of runoff from these events.

- The use of nonstructural site design practices that reduce the total amount of runoff will also reduce Q_{FP} by a proportional amount.
- When the City has designated a watershed to have existing flooding problems that require increased detention and flood control requirements (See Section 1.2.1), the Q_2 , Q_{10} , and Q_{FP} flows must be reduced to less than the existing flows as determined by the City.

Note: This portion of the Unified Sizing Criteria is required in ADDITION to all other hydrologic and hydraulic analyses required by the City (i.e. 2-, 5-, 10- and 50-year events).

Determining the Overbank Flood Protection Volume (Q_{FP})

- **Peak-Discharge and Hydrograph Generation:** The SCS TR-55 hydrograph method will be used to compute the peak discharge rates and runoff volumes for the all analyzed storm events. Apply the methodology for estimating the required storage volume provided below.
- **Rainfall Depths:** The rainfall depth of the 2-year, 24-hour storm will be 3.6 inches. The rainfall depth of the 10-year 24-hour storm will be 5.3 inches. The rainfall depth of the 25-year, 24-hour storm will be 6.4 inches.
- **Off-site Drainage Areas:** Off-site drainage areas must be modeled as “present condition” for the design storm events and do not need to be included in Q_{FP} estimates, but can be routed through a structural stormwater control.
- **Downstream Analysis:** Downstream areas must be checked to ensure there is no peak flow increase above pre-development conditions to the point where the site area is 10% of the total drainage to that point. See Section 3.1.4 for the full details on this method.

Estimated Volume Requirement Methodology:

1. Run typical site hydrology
2. Compute the ratio of the post-developed design storm discharge to the pre-developed discharge (q_o/q_i).
3. Read the volume of storage divided by the volume of runoff (v_s/v_r) from Chart 2.3
4. Estimate the volume of storage required for the overbank flood (V_s).
 $V_s = v_r(v_s/v_r)$ in acre-feet,

Where: v_r = the post-developed volume of runoff for the selected overbank storm converted to acre-feet

5. Experience shows that multi-outlet volumes are at least 15% low so actual Q_{25} storage estimate is

$$VS = V_s * 1.15$$

2.4 Extreme Flood Protection (Q_{100})

The Extreme Flood Protection criterion specifies that all stormwater management facilities and associated grading plans and site layouts be designed to protect buildings, ponds, roads, and other permanent structures from the 100-year, 24-hour return frequency storm event, denoted Q_{100} . This is accomplished either by:

1. Controlling Q_{100} through on-site or regional structural stormwater controls to maintain the existing 100-year floodplain. This is done where residences or other structures have already been constructed within the 100-year floodplain fringe area; or
2. By designing the on-site conveyance system, site grading, and building layout to safely pass Q_{100} without impacting buildings, ponds, roads, or other permanent structures and allowing it to discharge into a receiving water.

Note: Flows can be conveyed without retention or detention to a receiving floodplain if it can be shown that the floodplain is sufficiently sized to account for extreme flow increases from the site without causing damage; or

3. When the City has designated a watershed to have existing flooding problems that require increased detention and flood control requirements (See Section 3.2.1), the Q_{100} must be reduced to less than the existing 100-year flows as determined by the City.

Local flood protection (levees, floodwalls, flood proofing, etc.) and/or channel enlargements may be offered as a substitution as appropriate, as long as adequate conveyance and structural safety is ensured through the measure used, and stream environmental integrity is adequately maintained. The City reserves the right to reject such substitutions.

Determining the Extreme Flood Protection Criteria (Q_{100})

- Peak-Discharge and Hydrograph Generation: The SCS TR-55 hydrograph method will be used to compute the peak discharge rate and runoff for the 100-year, 24-hour storm. Apply the methodology for estimating the required storage volume provided below
- Rainfall Depths: The rainfall depth of the 100-year, 24-hour storm will be 8.3 inches.
- Off-site Drainage Areas: Off-site drainage areas must be modeled as “full build-out condition” for the 100-year storm event to ensure safe passage of future flows.
- Downstream Analysis: If Q_{100} is being detained, downstream areas must be checked to ensure there is no peak flow increase above pre-development conditions to the point where the site area is 10% of the total drainage to that point. See Section 3.1.4 for more details on how to properly perform a Downstream Analysis.

Estimated Volume Requirement Methodology:

1. Run typical site hydrology
2. Compute the ratio of the post-developed 100-year discharge to the pre-developed discharge (q_o/q_i).
3. Read the volume of storage divided by the volume of runoff (v_s/v_r) from Chart 2.3
4. Estimate the volume of storage required for the overbank flood (V_s).

$$V_s = v_r(v_s/v_r) \text{ in acre-feet,}$$

Where: v_r = the post-developed volume of runoff for the selected overbank storm converted to acre-feet

5. Experience shows that multi-outlet volumes are at least 15% low so actual Q_{100} storage estimate is

$$VS = V_s * 1.15$$

2.5 Water Quality Volume Peak Flow Calculation

The peak rate of discharge for the water quality design storm (Q_{wq}) is needed for the sizing of off-line diversion structures, such as for sand filters, bioretention, grass filter strips, grassed swales, and infiltration trenches.

The following procedure can be used to estimate peak discharges for small storm events. It relies on the Water Quality Volume and the simplified peak flow estimating method above. A brief description of the calculation procedure is presented below.

1. Using WQ_v , a corresponding Curve Number (CN) is computed utilizing the following equation:

$$CN = 1000/[10 + 5P + 10Q_{wv} - 10(Q_{wv}^2 + 1.25 Q_{wv}P)^{1/2}]$$

Where, P = rainfall, in inches (use 1.2 inches for the Water Quality Storm)

Q_{wv} = Depth of Water Quality Volume is expressed in inches (1.2 R_v)

$$R_v = 0.05 + 0.009(I) \text{ where:}$$

I is entered as percent impervious cover (i.e. $I = 30$ for 30% impervious cover)

2. Once a CN is computed, the time of concentration (t_c) is computed (based on SCS methodology).

3. Using the computed CN, time of concentration (T_c) and drainage area (A), in acres; the peak discharge (Q_{wq}) for the water quality storm event is computed using a slight modification of the Simplified SCS Peak Runoff Rate Estimation technique, using Type II rainfall distribution:

- Read initial abstraction (I_a), compute I_a/P
- Read the unit peak discharge (q_u) for appropriate T_c
- Using WQ_v , compute the peak discharge (Q_{wq})

$$Q_{wq} = q_u * A * Q_{wv}$$

where Q_{wq} = the water quality peak discharge (cfs)
 q_u = the unit peak discharge (cfs/mi²/inch)
 A = drainage area (mi²)
 Q_{wv} = Depth of Water Quality Volume, in inches (1.2Rv)

Chapter 3 – Best Management Practices (BMPs)

3.1 Water Quantity Control Requirements

3.1.1 General Requirements

Water quantity control is an integral component of overall stormwater management. Its purpose is to negate the effects of stormwater runoff associated with land use changes due to development during storm events. The following design criteria are established for water quantity control, and when applied properly will meet or exceed the requirements of SCDHEC Regulation 72-300.

1. Post-development peak discharge rates shall not exceed pre-development peak discharge rates for the 2, and 10-year frequency 24-hour duration storm events. For developments 40 acres and larger, post-development peak discharge rates shall not exceed pre-development peak discharge rates for the 25-year frequency 24-hour duration storm event. The same hydrologic procedures shall be used in determining both the pre-development and post-development peak flow rates.
2. Post-development discharge velocities shall be reduced to provide non-erosive flow velocities from structures, channels or other control measures, or equal the pre-development 10-year 24-hour storm event flow velocities, whichever is less.
3. For post construction, the detention volume from all controls shall be drained from the structure within 72 hours. During construction, detention volumes can be temporarily stored to allow settling of particles. Upon project finalization pond elevations must be per the approved plans.
5. In addition to being allowed for water quality purposes, infiltration devices shall be required on those sites which do not currently discharge stormwater runoff or have no existing outlet. In such cases, in the post-development condition, devices shall be designed to infiltrate the runoff volume equivalent to the 5-year storm event. For evaluating storm events with a return interval greater than 5 years, the discharge rate from the site shall be limited to (not exceed) that of a site of equivalent size and slope with a SCS Curve Number equal to 39. See Section 5.2.6.L.v for more information, as well as [Section 3.2.5 of the GSMM](#), for detailed selection, design, performance and operation & maintenance details on infiltration basins.

Note: An alternative design for infiltration basins can be found in Appendix O.

6. Watersheds with documented water quantity problems may have more stringent or modified design criteria determined by the SWD or as dictated by State and Federal Regulations. Some examples of variable criteria include but are not limited to:
 - a. Post-development discharge volumes from the entire development area not exceeding pre-development discharge volumes for storm frequencies smaller than the 2-year storm event,
 - b. Reduction of peak flow rates below pre-development levels,
 - c. Downstream channel, culvert, or property improvements.
7. Water quantity/volume waivers may be granted on a case-by-case basis. Final approval of a waiver request will be given at the discretion of the SWD. A water quantity/volume

waiver does not excuse water quality considerations. A project may be eligible for a waiver from the stormwater management requirements for water quantity/volume control if the applicant can justly verify the following items;

- a. The proposed project's peak flow rate or volume control for stormwater management would not create, aggravate, or accelerate downstream flooding or cause a detrimental impact to the downstream ecosystem, the receiving storm water system, or downstream property.
 - b. The design engineer shall sign the following statement, "The increased flows will not have a significant adverse impact on the downstream and adjacent properties".
 - c. Calculations shall be provided that demonstrate the site has addressed the Unified Stormwater Sizing Criteria, including the Water Quality (WQv) and Channel Protection (CPv) volumes, to the maximum extent practical, or to the level specific by the SWD.
 - It is recommended that a designer consult with the SWD at the earlier conceptual stages of a project to discuss water quality performance requirements for sites that may be more challenging.
8. An analysis shall be required for all development sites disturbing more than 2 acres to determine the impacts on downstream areas based on the 10-and 100-year 24-hour storm events unless a waiver or variance is granted. Downstream analysis shall determine whether the design storm events of interest cause or increase flooding, pollution, or erosion impacts to downstream properties, road crossings, and others areas as directed by the SWD. Applications for permit coverage must discuss this impact, the degree of the impact, and potential solutions. Analysis criteria shall include, but not be limited to:
 - a. Existing land use curve numbers shall be used for developed areas outside of the project area.
 - b. The weighted curve number for the developed portion of the site shall be used for all undeveloped upstream areas.
 - c. Flows must be routed using an accepted hydrologic and hydraulic method.
 - d. Hydraulic step-backwater calculations (Corps of Engineer's HEC-2 or HEC-RAS models or equivalent) may be required by the SWD based on several factors, such as the severity of potential impact and location of project.
 - e. The discussions must include the severity of impact on any upstream and proposed storm water quantity or quality structure.
 - If the downstream analysis determines that the development of a particular site does contribute to flooding, pollution, or erosion problems, then appropriate controls shall be implemented:
9. All quantity controls that are also used for water quality control shall have a forebay, mirco-pool, screening vault, or skimmer/debris deflector for removal of debris and coarse sediments. The benefit of the forebay is that it inhibits the main pond from filling up with large particles, therefore allowing the main pond to maintain its original design volume.
10. Documentation on the design, installation, and maintenance of stormwater quantity facilities can be found in [Sections 3.2-3.4 of the GSMM](#).

3.1.2 Accepted Quantity Controls

Detention structural controls are used for providing water quantity control and are typically used downstream of other minor structural controls. These structures are designed to provide channel protection, overbank flood protection, and protection against adverse downstream impacts that are related to the increase in peak flow rates and flow volumes from land disturbing activities. Detention structural stormwater controls accepted by SWD are shown in Table 3.1.

Table 3.1: Accepted quantity controls

General Structural Control	Description
Dry Detention/Dry Extended Basins	Dry detention basins and dry extended detention basins are surface storage facilities intended to provide temporary storage of stormwater runoff and releasing it at a designed flow rate to reduce downstream water quantity impacts. These structures are designed to completely drain to a dry condition within 72 hours.
Wet Storm Water Detention Basins • Wet Pond • Wet Extended Detention Pond • Micropool Extended Detention Pond • Multiple Pond System	Wet detention basins are constructed stormwater basins that have a permanent pool or micropool of water. Runoff from each rain event is detained above the permanent pool and released at a designed flow rate to reduce downstream water quantity impacts. Permanent pool depths must be ≥ 4 feet to reduce mosquito breeding.
Multi-purpose Detention Areas	Multi-purpose detention areas are used for one or more specific activities such as parking areas and rooftops. These areas are used to provide temporary storage of runoff. Some of the multi-purpose area such as infiltration trenches or bio-retention areas may also be used for water quality purposes.
Underground Detention	Underground detention is used as an alternative to surface dry-detention basins. They are used in areas that are space-limited where there is not enough adequate land to provide the required detention volume. The underground storage utilizes tanks, vaults, and buried pipes to supply the required storage volume.
Infiltration Basins	Infiltration basins are used to remove runoff from the flow path into the ground. They are used in areas that currently do not discharge stormwater or create runoff only during large storm events.

3.1.3 Design Procedures

This section provides the general procedures for the design of stormwater quantity structures. The following items shall be required for the design of these structures and routing flows through them:

1. Compute the inflow hydrograph for the structure for the 2, 10, 25, 50 and 100-year 24-hour storm events for both the existing and proposed conditions. From this, determine peak flow rates for each storm.
2. Compute a stage-storage relationship for the proposed structure. A stage storage-curve defines the relationship between the depth of water and storage volume within the detention facility. Stage-storage and stage-discharge calculations must be included in the engineering calculations.

3. Compute stage-discharge relationship of the outlet control structure(s). A stage-discharge curve defines the flow capacity of a structure at a given stage or elevation. Also compute outlet barrel capacity and discharge velocity for energy dissipation design.
4. Perform routing calculations for the 2, 10, 25, 50 and 100-year storm events.
5. The peak discharge rate from the pond must be less than or equal to the peak discharge rate for the pre-development conditions for the 2 and 10-year storm events (also 25-year storm event for developments 40 acres and larger), unless the SWD allows a tolerance for peak flow matching. Finally, check to make sure the discharge hydrograph from the 100-year storm event provides a minimum of 1-foot of freeboard with the banks of the facility.
6. Evaluate the control structure outlet flow velocity and provide velocity control and channel stabilization. Drawings and details must be provided for outlet structures and basin.
7. Concentrated flow from any discharge point shall be returned to the overland flow condition.

3.1.4 Downstream Hydrologic Assessment

The purpose of the overbank flood protection and extreme flood protection criteria is to protect downstream properties from flood increases due to upstream development. These criteria require the designer to control peak flow at the outlet of a site such that post-development peak discharge equals pre-development peak discharge. The reasons for this have to do with (1) the timing of the flow peaks, and (2) the total increase in volume of runoff. Further, due to a site's location within a watershed, there may be very little reason for requiring overbank flood control from a particular site. This section outlines the required procedure, as part of a developer's stormwater management site plan, which is detailed in [Section 2.1.9 of the GSMM](#).

The Ten-Percent Rule: Based on studies and results for a large number of sites, a site's zone of influence is considered to be the point where the drainage area controlled by the detention or storage facility comprises 10% of the total drainage area. For example, if the structural control drains 10 acres, the zone of influence ends at the point where the total drainage area is 100 acres or greater. However, some sites may require that the "zone of influence" be extended further downstream.

Typical steps in the application of the ten-percent rule are:

1. Determine the target peak flow for the site for predevelopment conditions.
2. Using a topographic map determine the lower limit of the zone of influence (aka "10% point").
3. Using a hydrologic model determine the pre-development peak flows and timing of those peaks at each tributary junction beginning at the pond outlet and ending at the next tributary junction beyond the 10% point.

4. Change the land use on the site to post-development and rerun the model.
 - If the undetained post-development peak flow rates are unchanged at the “10% point”, when compared the pre-development model, the lower limit of the zone of influence has been affirmed.
 - If the undetained post-development peak flow rates have increased at the “10% point” when compared the pre-development model, the lower limit of the zone of influence must be extended further downstream until there is no change in flow.
5. Design the structural control facility such that the overbank flood protection (25-year) post-development flow does not increase the peak flows at the outlet and the determined tributary junctions.

Even if the overbank flood protection requirement is eliminated, the water quality treatment (WQv), channel protection (CPv), and extreme flood protection (Q_{100}) criteria will still need to be addressed.

For a detailed example, see [Section 2.1.9 of the GSMM](#).

3.1.5 Routing with WQv Removed

When off-line structural controls such as bioretention areas, sand filters and infiltration trenches capture and remove the water quality volume (WQv), downstream structural controls do not have to account for this volume during design. That is, the WQv may be subtracted from the total volume that would otherwise need to be routed through the downstream structural controls.

From a calculation standpoint this would amount to removing the initial WQv from the beginning of the runoff hydrograph – thus creating a “notch” in the runoff hydrograph. Since most commercially available hydrologic modeling packages cannot handle this type of action, the following method has been created to facilitate removal from the runoff hydrograph of approximately the WQv:

- Enter the horizontal axis on Chart 3.1 with the impervious percentage of the watershed and read upward to the predominant soil type (interpolation between curves is permitted)
- Read left to the factor
- Multiply the curve number for the sub-watershed that includes the water quality basin by this factor – this provides a smaller curve number

The difference in curve number will generate a runoff hydrograph that has a volume less than the original volume by an amount approximately equal to the WQv.

Notes:

1. This method should be used only for bioretention areas, filter facilities and infiltration trenches where the drawdown time is ≥ 24 hours.
2. This method can only be applied to catchments with a homogenous soil class (i.e. A, B, C, D), or are dominated significantly by a single soil class.
3. This method also assumed that 100% of the required WQv for the catchment area being analyzed is stored in upland BMPs

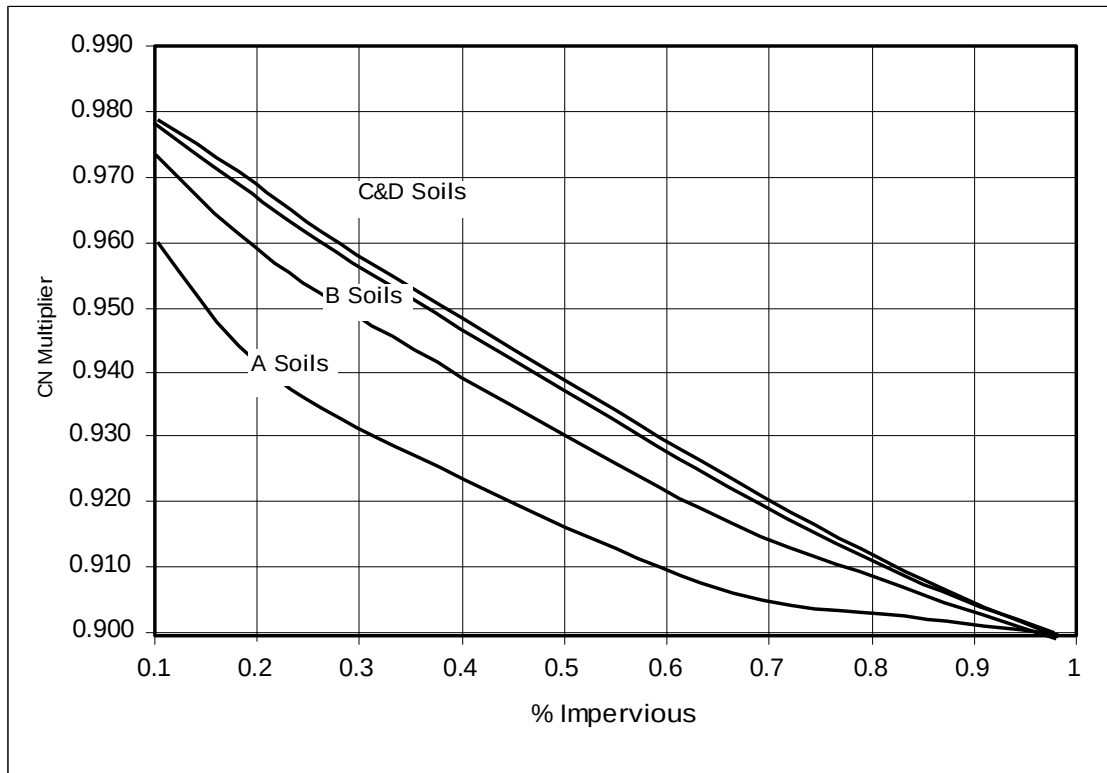


Chart 3.1 - Curve Number Adjustment Factor

Example

A site design employs an infiltration trench for the WQv and has a curve number of 72, is B type soil, and has an impervious percentage of 60%, the factor from Chart 3.1 is 0.92. The curve number to be used in calculation of a runoff hydrograph for the quantity controls would be:

$$(72 \times 0.92) = 66$$

3.2 Accepted Water Quality BMPs

In selecting a BMP(s), it is most important to know what pollutants need to be treated to meet water quality goals. With proper planning, installation, and maintenance, BMPs are expected to reduce pollutant loads to receiving waters, reduce erosion, and provide health and safety benefits. Structural stormwater controls (aka BMPs) are constructed stormwater management facilities designed to treat stormwater runoff and/or mitigate the effects of increased stormwater runoff peak rate, volume, and velocity due to urbanization.

This Manual allows for a number of structural stormwater controls for meeting unified stormwater sizing criteria. The recommended controls are divided into three categories: general application, limited application, and detention structural controls. These categories of BMPs have varying abilities to address downstream channel protection (CPv), overbank flood protection (Q_{25}) and/or extreme flood protection (Q_{100}).

3.2.1 General Application Controls

General application structural controls are recommended for use with a wide variety of land uses and development types. These structural controls have a demonstrated ability to effectively treat the Water Quality Volume (WQv) and are presumed to be able to remove 80% of the total annual average TSS load in typical post-development urban runoff when designed, constructed and maintained in accordance with recommended specifications.

The allowable types of general application controls are summarized below. Detailed descriptions of each structural control along with design criteria and procedures are provided in [Section 3.2 of the GSMM](#).

Table 3.2 lists and briefly describes the general application structural stormwater control practices. These structural controls are recommended for use in a wide variety of applications. A detailed discussion of each of the general application controls, as well as design criteria and procedures can be found in [Section 3.2 of the GSMM](#).

Table 3.2 General Application Structural Controls	
Structural Control	Description
Stormwater Ponds • Wet • Wet Extended Detention • Micropool Extended Detention • Multiple Pond Systems	Wet detention basins are constructed stormwater basins that have a permanent pool or micropool of water. Runoff from each rain event is detained above the permanent pool and released at a designed flow rate to reduce downstream water quantity impacts. Permanent pool depths must be ≥ 4 feet to reduce mosquito breeding.
Bioretention Areas	Bioretention areas are shallow stormwater basins or landscaped areas which utilize engineered soils and vegetation to capture and treat stormwater runoff. Runoff may be returned to the conveyance system, via underdrain, or allowed to partially infiltrate into the soil.
Infiltration Trench/Basin	An infiltration trench is an excavated trench filled with stone aggregate used to capture and allow infiltration of stormwater runoff into the surrounding soils through the bottom and sides of the trench. An infiltration basin allows infiltration of stormwater runoff into the surrounding soils through the bottom and sides of the trench.

Table 3.2 General Application Structural Controls	
Structural Control	Description
Enhanced Swales • Dry Swale • Wet Swale/Wetland Channel	Enhanced swales are vegetated open channels that are explicitly designed and constructed to capture and treat stormwater runoff within dry or wet cells formed by check dams or other means.

3.2.2 Limited Application Controls

Table 3.3 lists the limited application structural stormwater control practices, along with the rationale for limited use. These structural controls are recommended for use with particular land uses and densities, to meet certain water quality requirements, for limited usage on larger projects, or as part of a stormwater treatment train. A detailed discussion of each of the limited application controls, as well as design criteria and procedures can be found in [Section 3.3 of the GSMM](#).

Table 3.3 Limited Application Structural Controls	
Structural Control	Description and Rationale for Limited Use
Biofilters • Filter Strip • Grass Channel	Both filter strips and grass channels provide “biofiltering” of stormwater runoff as it flows across the grass surface. However, by themselves these controls cannot meet the performance goal. Consequently, both filter strips and grass channels should only be used as pretreatment measure or as part of a treatment train approach. They are also acceptable for use as a site design credit (see Chapter 4).
Hydrodynamic Devices • Gravity (Oil-Grit) Separator	Hydrodynamic controls use the movement of stormwater runoff through a specially designed structure to remove target pollutants. They are typically used on smaller impervious commercial sites and urban hotspots. These controls typically do not meet the 80% TSS removal performance goal and therefore should only be used as a pretreatment measure and as part of a treatment train approach.
Porous Surfaces • Porous Concrete • Porous Asphalt • Modular Porous Paver Systems	Porous surfaces are permeable pavement surfaces with an underlying stone reservoir to temporarily store surface runoff before it infiltrates into the subsoil. Porous concrete is the term for a mixture of coarse aggregate, portland cement and water that allows for rapid infiltration of water. Modular porous paver systems consist of open void paver units laid on a gravel subgrade. Both porous concrete and porous paver systems provide water quality and quantity benefits, but have high workmanship and maintenance requirements, as well as high failure rates. Note: Porous asphalt surfaces have a higher tendency to be clogged by clays, silts and oils resulting in a potentially high maintenance burden to maintain the effectiveness of this structural control. Further, summer heat in South Carolina can cause the asphalt to melt, destroying the porous properties of the surface. Therefore, the specific application of this BMP must be reviewed for both sediment and heat issues, as well as the traffic load that it is intended to carry, before allowing the application of this BMP.

Table 3.3 Limited Application Structural Controls (Cont.)

Structural Control	Description and Rationale for Limited Use
Media Filter Inserts	Media filter inserts, such as catch basin inserts and filter systems, are easily clogged and require a high degree of regular maintenance and replacement to achieve the intended water quality treatment performance and should not be used for areas of new development or redevelopment. These structural controls may serve a potential use in stormwater retrofitting. Before using this BMP, the designer must justify the anticipated performance for the constituent of concern, and receive approval from the City before included this BMP in any designs or construction activities.
- Proprietary Systems - Commercial Stormwater Controls	Proprietary controls are manufactured structural control systems available from commercial vendors designed to treat stormwater runoff and/or provide water quantity control. Proprietary systems often can be used on small sites and in space-limited areas, as well as in pretreatment applications. However, proprietary systems are often more costly than other alternatives, may have high maintenance requirements, and often lack adequate independent performance data, particularly for use in Georgia conditions.

3.2.3 Detention Structural Controls

Table 3.4 lists the detention structural stormwater control practices. These structural controls are recommended only for providing water quantity control, i.e. channel protection, overbank flood protection and/or extreme flood protection in a stormwater treatment train. A detailed discussion of each of the detention controls, as well as design criteria and procedures can be found in [Section 3.4 of the GSMM](#).

Due to the potential for pollutant resuspension and outlet clogging, detention structural controls are not intended to treat stormwater runoff and should be used downstream of other water quality structural control in a treatment train (forebay, micro-pool, filter strip, etc.)

Table 3.4 Detention Structural Controls	
Structural Control	Description
Dry Detention / Dry Extended Detention Basins	Dry detention basins and dry extended detention (ED) basins are surface facilities intended to provide for the temporary storage of stormwater runoff to reduce downstream water quantity impacts.
Multi-Purpose Detention Areas	Multi-purpose detention areas are site areas used for one or more specific activities, such as parking lots and rooftops, which are also designed for the temporary storage of runoff.
Underground Detention	Underground detention tanks and vaults are an alternative to surface dry detention for space-limited areas where there is not adequate land for a dry detention basin or multi-purpose detention area.

3.2.4 Not Recommended Structural Controls

The following structural controls in Table 3.5 are not recommended for use in the City of Columbia to meet stormwater management objectives, as they fail to demonstrate an ability to meet the majority of the water quality treatment goals and/or present difficulties in operation and maintenance.

Table 3.5 Not Recommended Structural Controls	
Structural Control	Rationale for Lack of Recommendation
Stormwater Wetlands • Shallow Wetland • Extended Detention Shallow Wetland	Stormwater wetlands consist of a combination of shallow marsh areas, open water and semi-wet areas above the permanent water surface. In order to keep them alive and functioning, proper hydroperiods must be maintained. Creating a wetland near development is likely to have difficulty in maintaining the hydroperiod due to the lack of baseflow and distance from the water table.

3.2.5 Using Other or New Structural Stormwater Controls

Innovative technologies may be allowed, providing there is sufficient documentation as to their effectiveness and reliability. The City will not allow any such technologies without independently derived information concerning performance, maintenance, application requirements and limitations.

More specifically, new structural stormwater control designs will not be accepted for inclusion in the Manual until independent pollutant removal performance monitoring data determine that the practice can meet the TSS and other selected pollutant concentration removal targets, and that the structural control conforms with local and/or State criteria for treatment, maintenance, and environmental impact.

3.2.6 Structural Stormwater Control Pollutant Removal Capabilities

General and limited application structural stormwater controls are intended to provide water quality treatment for stormwater runoff. Though each of these structural controls provides pollutant removal capabilities, the relative capabilities vary between structural control practices and for different pollutant types.

Pollutant removal capabilities for a given structural stormwater control practice are based on a number of factors including the physical, chemical and/or biological processes that take place in the structural control and the design and sizing of the facility. In addition, pollutant removal efficiencies for the same structural control type and facility design can vary widely depending on the tributary land use and area, incoming pollutant concentration, rainfall pattern, time of year, maintenance frequency and numerous other factors.

To assist the designer in evaluating the relative pollutant removal performance of the various structural control options, Appendix J provides design removal efficiencies for each of the general and limited application control practices. It should be noted that these values are conservative average pollutant reduction percentages for design purposes derived from sampling data, modeling and professional judgment. A structural control design may be capable of exceeding these performances, however the values in the table are minimum reasonable values that can be assumed to be achieved when the structural control is sized, designed, constructed and maintained in accordance with recommended specifications in this Manual.

Where the pollutant removal capabilities of an individual structural stormwater control are not deemed sufficient for a given site application, additional controls may be used in series in a “treatment train” approach. More detail on using structural stormwater controls in series is provided in Section 3.2.8.

For additional information and data on the range of pollutant removal capabilities for various structural stormwater controls, the reader is referred to the National Pollutant Removal Performance Database (2nd Edition) available at:

www.cwp.org
www.bmpdatabase.org

3.2.7 Structural Stormwater Control Selection

General Application Control Screening Process

Outlined below is a screening process for General Application structural stormwater controls. This process is intended to assist the site designer and design engineer in the selection of the most appropriate structural controls for a development site, and provides guidance on factors to consider in their location.

In general the following four criteria must be evaluated in order to select the appropriate structural control(s) or group of controls for a development:

- Stormwater Treatment Suitability
- Water Quality Performance
- Site Applicability
- Implementation Considerations

In addition, for a given site, the following factors must be considered and any specific design criteria or restrictions need to be evaluated:

- Physiographic Factors
- Soils
- Special Watershed or Stream Considerations

Finally, environmental regulations that may influence the location of a structural control on site, or may require a permit, need to be considered.

[Section 3.1.3 of the GSMM](#) provides a detailed selection process for comparing and evaluating various general application structural stormwater controls using two screening matrices and a list of location and permitting factors. Those tools can assist the design engineer in selecting the subset of structural controls that will meet the stormwater management and design objectives for a development site or project.

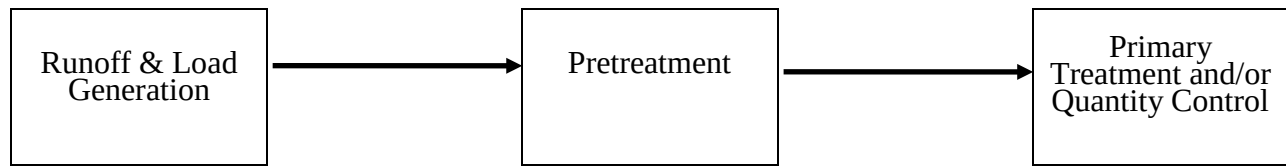
3.2.8 Using Structural Stormwater Controls in Series

The following subsections provide a general description of how BMPs in series can be used to meet water quality goals, and the appropriate manner in which to calculate their cumulative effect on removing pollutants.

3.2.8.1 General Methodology

Stormwater Treatment Trains

The minimum stormwater management standards are an integrated planning and design approach, sometimes called a stormwater “treatment train”. A treatment train consists of all the design concepts and nonstructural and structural controls that work to attain water quality and quantity goals. This is illustrated in Figure 3.1.

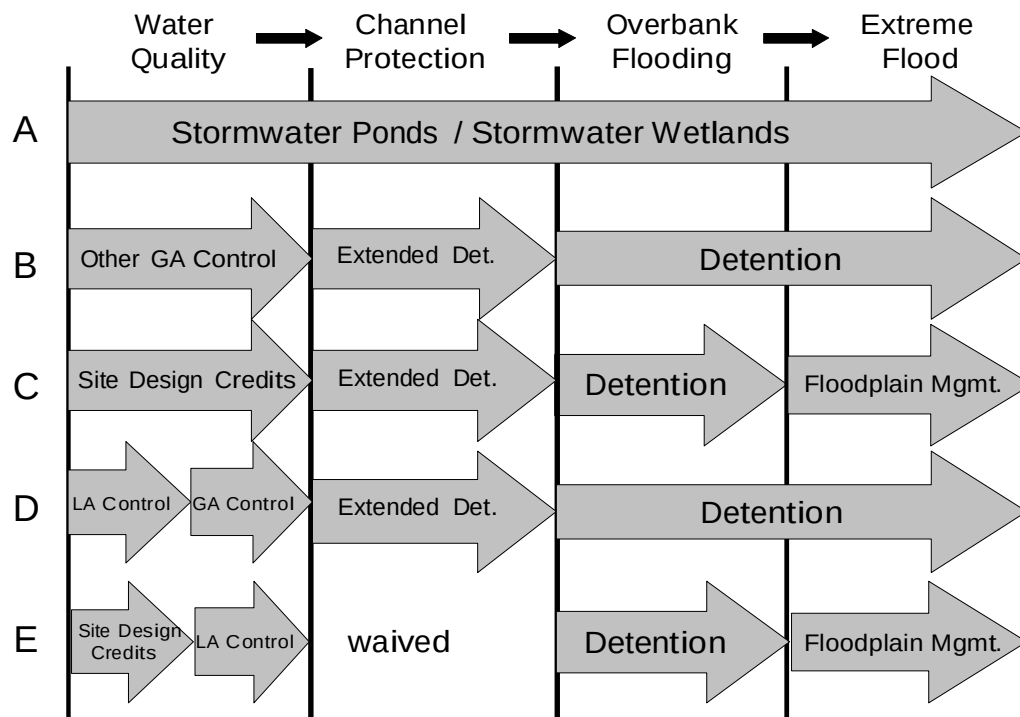
Figure 3.1: Generalized Stormwater Treatment Train

Runoff and Load Generation – The initial part of the “train” is located at the source of runoff and pollutant load generation, and consists of better site design and pollution prevention practices that reduce runoff and stormwater pollutants.

Pretreatment – The next step in the treatment train consists of pretreatment measures. These measures typically do not provide sufficient pollutant removal to meet the 80% TSS reduction goal, but do provide calculable water quality benefits that may be applied towards meeting the WQv treatment requirement.

Primary Treatment and/or Quantity Control – The last step is primary water quality treatment and/or quantity (channel protection, overbank flood protection, and/or extreme flood protection) control.

Many combinations of structural controls in series may exist for a site. Figure 3.2 provides a number of hypothetical examples of how the unified stormwater sizing criteria may be addressed by using structural stormwater controls.

Figure 3.2 Examples of Structural Controls Used in Series

Referring to Figure 3.2 by line letter:

- A.** Two general application (GA) structural controls, stormwater ponds and stormwater wetlands, can be used to meet all of the unified stormwater sizing criteria in a single facility.
- B.** The other general application structural controls (bioretention, sand filters, infiltration trench and enhanced swale) are typically used in combination with detention controls to meet the unified stormwater sizing criteria. The detention facilities are located downstream from the water quality controls either on-site or combined into a regional or neighborhood facility.
- C.** Line C indicates the condition where an environmentally sensitive large lot subdivision has been developed that can be designed so as to waive the water quality treatment requirement altogether. However, detention controls may still be required for downstream channel protection, overbank flood protection and extreme flood protection.
- D.** Where a limited application (LA) structural control does not meet the 80% TSS removal criteria, another downstream structural control must be added. For example, urban hotspot land may be fit or retrofit with devices adjacent to parking or service areas designed to remove petroleum hydrocarbons. These devices may also serve as pre-treatment devices removing the coarser fraction of sediment. One or more downstream structural controls is then used to meet the full 80% TSS removal goal, and well as water quantity control.
- E.** In line E site design credits have been employed to partially reduce the water quality volume requirement. In this case, for a smaller site, a well designed and tested Limited Application structural control provides adequate TSS removal while a dry detention pond handles the overbank flooding criteria. For this location, direct discharge to a large stream and local downstream floodplain management practices have eliminated the need for channel protection volume and extreme flood protection structural controls on site.

3.2.8.2 Calculation of Pollutant Removal for Structural Controls in Series

For two or more structural stormwater controls used in combination, it is often important to have an estimate of the pollutant removal efficiency of the treatment train. Pollutant removal rates for structural controls in series are not additive. For pollutants in particulate form, the actual removal rate (expressed in terms of percentage of pollution removed) varies directly with the pollution concentration and sediment size distribution of runoff entering a facility.

For example, a stormwater pond facility will have a much higher pollutant removal percentage for very turbid runoff than for clearer water. When two stormwater ponds are placed in series, the second pond will treat an incoming particulate pollutant load very different from the first pond. The upstream pond captures the easily removed larger sediment sizes, passing on an outflow with a lower concentration of TSS but with a higher proportion of finer particle sizes. Hence, the removal capability of the second pond for TSS is considerably less than the first pond. Recent findings suggest that the second pond in series can provide as little as half the removal efficiency of the upstream pond.

To estimate the pollutant removal rate of structural controls in series, a method is used in which the removal efficiency of a downstream structural control is reduced to account for the pollutant removal of the upstream control(s). The following steps are used to determine the pollutant removal:

- For each drainage area list the structural controls in order, upstream to downstream, along with their expected average pollutant removal rates from Appendix J for the pollutants of concern.

- For cases where a limited application control is sited upstream from a general application control in the treatment train, the downstream general application structural control is given full credit for removal of pollutants.
- For any general application structural control located downstream from another general application control or a limited application structural control that has TSS removal rates equivalent to 80%, the designer should use half (i.e. 40% removal rate) of the normal pollutant removal rate for the second control in series. The reason for reducing the downstream BMP removal rate to half of its normal rate is that:
 - o The larger particles, which are easier to trap, were removed by the upstream BMP
 - o The remaining particles, which are smaller and harder to trap, remain for the downstream BMP and thereby reduce its effective removal rate
- For a general application structural control located downstream from a limited application structural control that cannot achieve the 80% TSS reduction goal the designer should use 75% of the normal pollutant removal rate for the second control in series.

Example:

TSS is the pollutant of concern and a stormwater pond is designed at the site outlet. A second stormwater pond is located downstream from the first one in series. If each pond has a normal removal rate of 80%, what is the total TSS removal rate? The following information is given:

- o Control 1 (Stormwater Pond 1) = 80% TSS removal (use 1.0 x design removal rate)
- o Control 2 (Stormwater Pond 2) = 40% TSS removal (use 0.5 x design removal rate)

Then applying the controls in order and working in terms of “units” of TSS starting at 100 units:

For Control 1: 100 units of TSS * 80% removal rate

- o 80 units removed; 20 units remaining

For Control 2: 20 units of TSS * 40% removal rate

- o 8 units removed; 12 units remaining

For the treatment train in total:

- o We started with 100 units; 12 units remain
- o 88 units were removed = 88% removal rate

3.2.9 On-Line Versus Off-Line Structural Controls

Structural stormwater controls are designed to be either “on-line” or “off-line.” On-line facilities are designed to receive, but not necessarily control or treat, the entire runoff volume up to the Q_{25} or Q_{100} event. On-line structural controls must be able to handle the entire range of storm flows.

Off-line facilities on the other hand are designed to receive only a specified flow rate through the use of a flow regulator (i.e. diversion structure, flow splitter, etc). Flow regulators are typically used to divert the water quality volume (WQv) to an off-line structural control sized and designed to treat and control the WQv. After the design runoff flow has been treated and/or controlled it is returned to the conveyance system. Figure 3.3 provides an example of an off-line sand filter and an off-line enhanced dry swale.

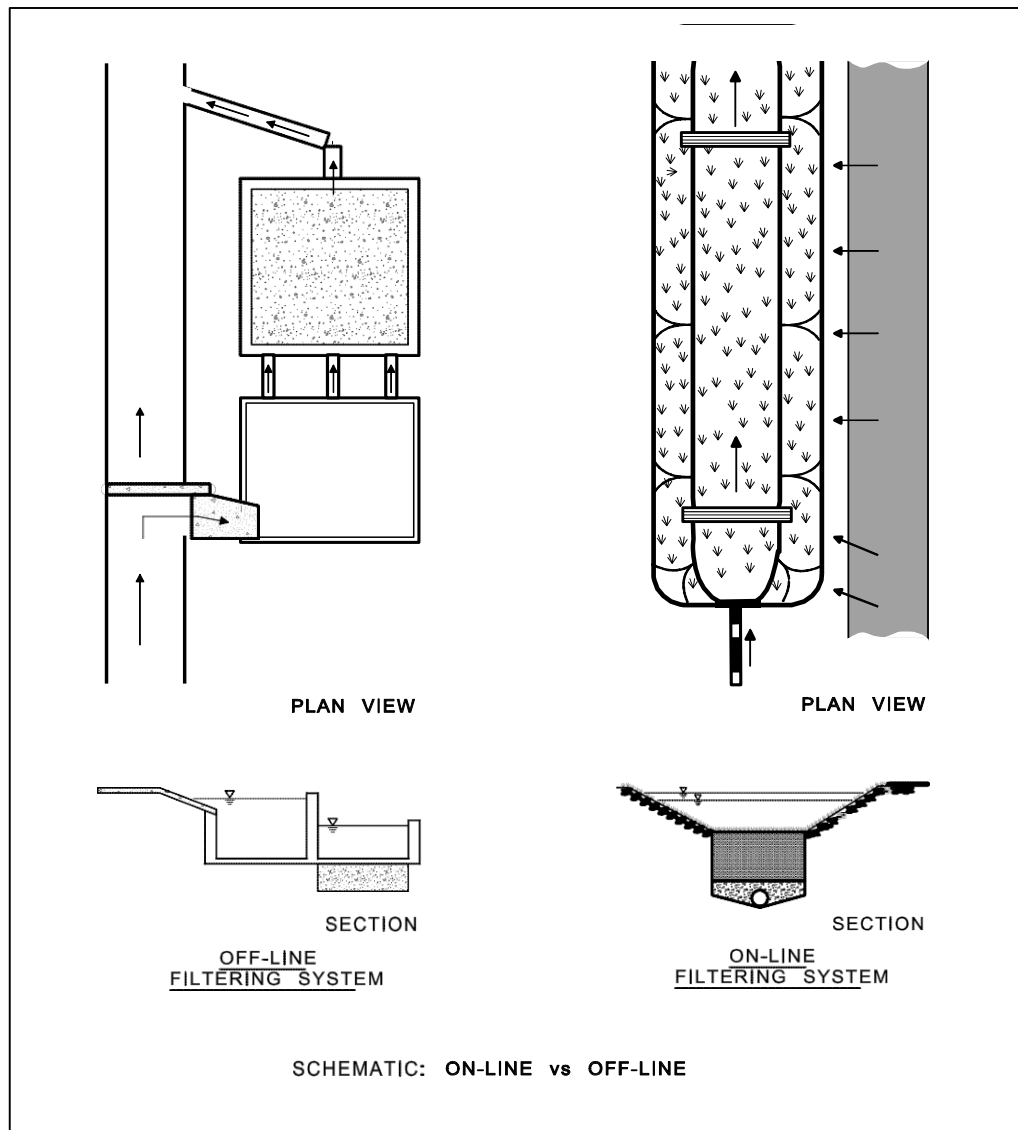


Figure 3.3 Example of On-Line versus Off-Line Structural Controls
(Source: CWP, 1996)

Flow regulation to off-line structural stormwater controls can be achieved by either:

- Diverting the water quality volume or other specific maximum flow rate to an off-line structural stormwater control, or
- Bypassing flows in excess of the design flow rate

The peak water quality flow rate (Q_{wq}) can be calculated using the procedure found in Chapter 2.

Flow regulators can be flow splitter devices, diversion structures, or overflow structures (See Figures 3.4-3.6).

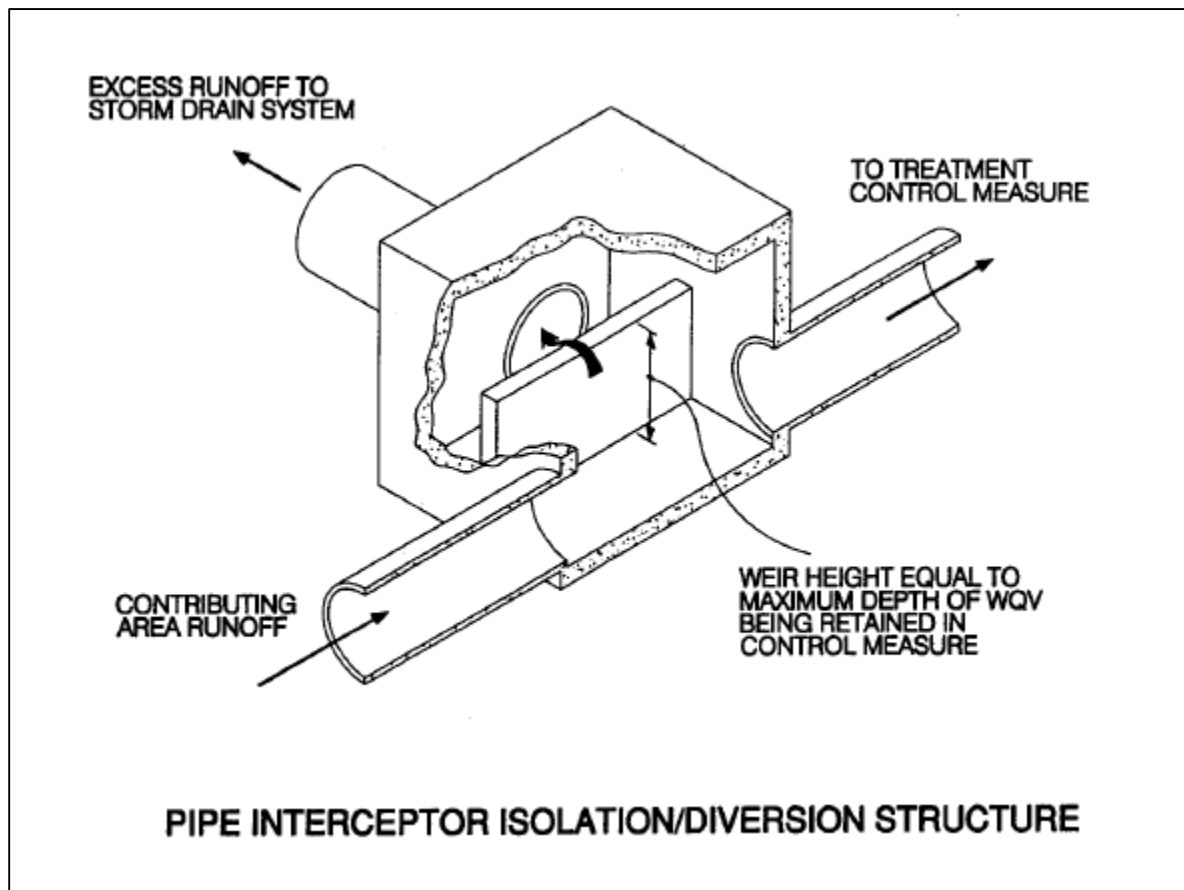


Figure 3.4 Pipe Interceptor Diversion Structure
(Source: City of Sacramento, 2000)

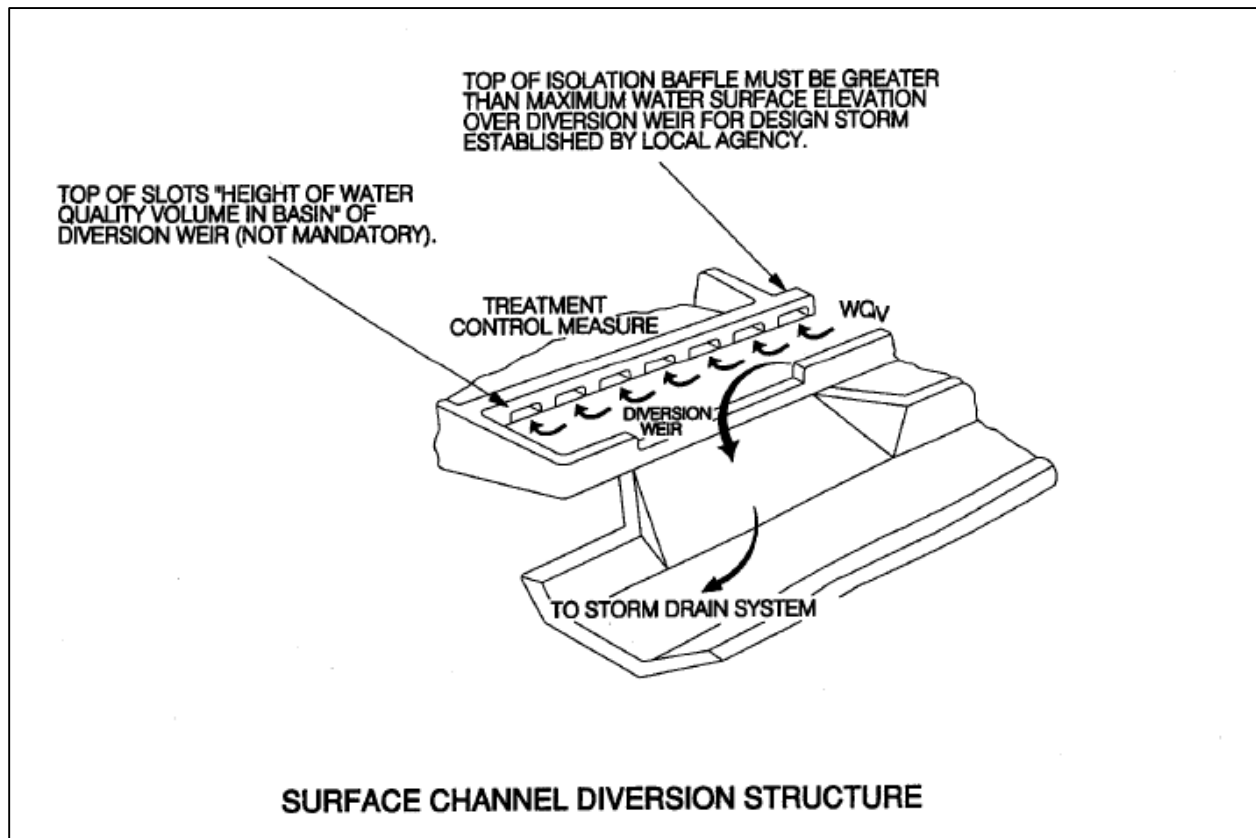


Figure 3.5 Surface Channel Diversion Structure
(Source: City of Sacramento, 2000)

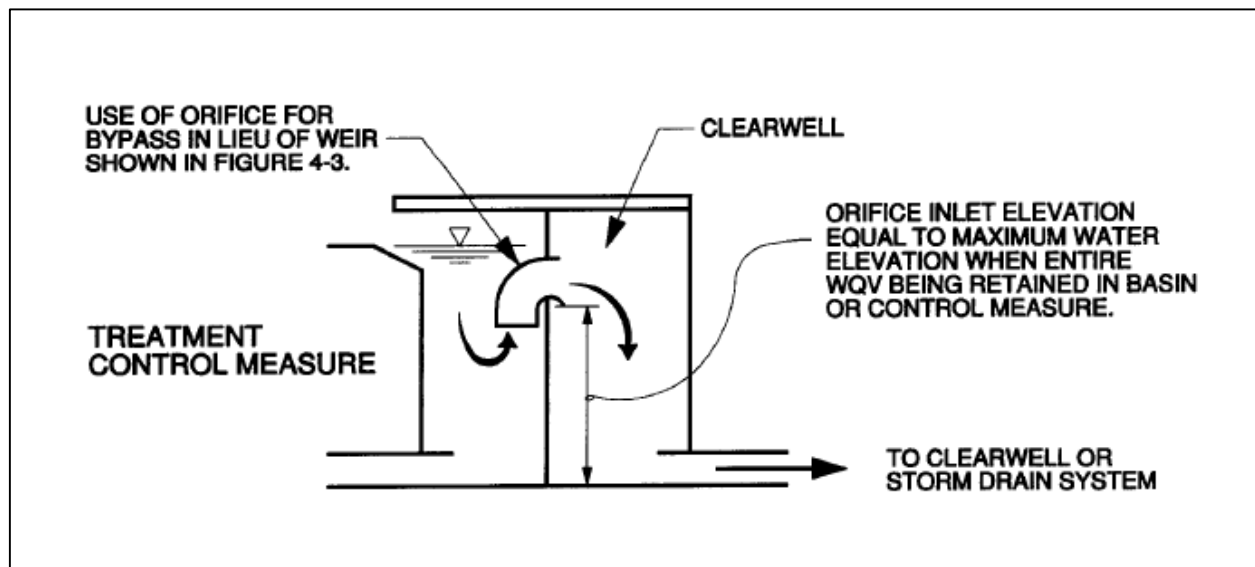


Figure 3.6 Outlet Flow Regulator
(Source: City of Sacramento, 2000)

Chapter 4 – Site Design Stormwater Credits

A set of stormwater “credits” has been developed to provide developers and site designers an incentive to implement better site design practices that can reduce the volume of stormwater runoff and minimize the pollutant loads from a site. The credit system directly translates into cost savings to the developer by allowing for a reduction in the water quality treatment volume (WQv). This also reduces the size of structural stormwater control and conveyance facilities for events greater than the water quality treatment (WQv) event.

The better site design practices that provide stormwater credits are listed in Table 4.1. Site-specific conditions will determine the applicability of each credit. For example, stream buffer credits cannot be taken on upland sites that do not contain perennial or intermittent streams.

Note: better site design practices and techniques that reduce the overall impervious area on a site already implicitly reduce the total amount of stormwater runoff generated by a site (and thus reduce WQv) and are not further credited under this system.

Table 4.1 Summary of Better Site Design Practices Providing Stormwater Volume Credits	
Practice	Description
Natural area conservation	Undisturbed natural areas are conserved on a site, thereby retaining their pre-development hydrologic and water quality characteristics.
Stream buffers	Stormwater runoff is treated by directing sheet flow runoff through a naturally vegetated or forested buffer as overland flow.
Use of vegetated channels	Vegetated channels are used to provide stormwater treatment.
Overland flow filtration/infiltration zones	Overland flow filtration/infiltration zones are incorporated into the site design to receive runoff from rooftops and other small impervious areas.

For each potential credit, there is a minimum set of criteria and requirements (e.g., flow length, contributing area, etc.) which identify the conditions or circumstances under which the credit may be applied. Site designers are encouraged to utilize as many credits as they can on a site. Greater reductions in stormwater storage volumes can be achieved when many credits are combined (e.g., disconnecting rooftops and protecting natural conservation areas). However, credits cannot be claimed twice for an identical area of the site (e.g. claiming credit for stream buffers and conservation area over the same site area).

Note: Due to local safety codes, soil conditions, and topography, some of these site design credits may be restricted. Designers are encouraged to consult with the City to ensure if and when a credit is applicable and to determine restrictions on non-structural strategies.

4.1 Stormwater Credits and the Site Planning Process

During the site planning process ([see Section 1.5 of the GSMM](#)) the integration of site design credits can be integrated with this process as shown in Table 4.2.

Table 4.2 Integration of Site Design Credits with Site Development Process	
Site Development	Site Design Credit Activity
Feasibility Study	• Determine stormwater management requirements • Perform site reconnaissance to identify potential areas for and types of credits
Site Analysis	• Identify and delineate natural feature conservation areas (natural areas and stream buffers)
Concept Plan	• Preserve natural areas and stream buffers during site layout • Reduce impervious surface area through various techniques • Identify locations for use of vegetated channels and groundwater recharge • Look for areas to disconnect impervious surfaces • Document the use of site design credits.
Preliminary and Final Plan	• Perform layout and design of credit areas – integrating them into treatment trains • Ensure unified stormwater sizing criteria are satisfied • Ensure appropriate documentation of site design credits according to local requirements.
Construction	• Ensure protection of key areas • Ensure correct final construction of areas needed for credits
Final Inspection	• Develop maintenance requirements and documents • Ensure long term protection and maintenance • Ensure credit areas are identified on final plan and plat if applicable

Site Design Credit #1: Natural Area Conservation

A stormwater credit can be taken when undisturbed natural areas are conserved on a site, thereby retaining their pre-development hydrologic and water quality characteristics. Under this credit, a designer would be able to subtract conservation areas from total site area when computing water quality volume requirements and adhering to the criteria listed below. An added benefit will be that the post-development peak discharges will be smaller, and hence water quantity control volumes (CP_V , Q_{25} , and Q_{100}) will be reduced due to lower post-development curve (CN) numbers.

Rule: Subtract conservation areas from total site area when computing water quality volume requirements.

Criteria:

- Conservation area cannot be disturbed during project construction
- Shall be protected by limits of disturbance clearly shown on all construction drawings
- Shall be located within an acceptable conservation easement instrument that ensures perpetual protection of the proposed area.
- The easement must clearly specify how the natural area vegetation shall be managed and boundaries will be marked
- Managed turf (e.g., playgrounds, regularly maintained open areas) is not an acceptable form of vegetation management], and shall have a minimum contiguous area requirement of 10,000 square feet
- R_V is kept constant when calculating WQ_V

Example: Residential Subdivision
 Area = 38 acres
 Natural Conservation Area = 7 acres
 Impervious Area = 13.8 acres

$$R_V = 0.05 + 0.009 (I) = 0.05 + 0.009 (36.3\%) = 0.37$$

Credit:

7.0 acres in natural conservation area
 New drainage area = $38 - 7 = 31$ acres

Before credit:

$$WQ_V = (1.2)(0.37)(38)/12 = 1.40 \text{ ac-ft}$$

With credit:

$$WQ_V = (1.2)(0.37)(31)/12 = 1.15 \text{ ac-ft}$$

(18% reduction in water quality volume)

Site Design Credit #2: Stream Buffers

This credit can be taken when stormwater runoff is effectively treated by a stream buffer. Effective treatment constitutes treating runoff through overland flow in a naturally vegetated or forested buffer. Under the proposed credit, a designer would be able to subtract areas draining via overland flow to the buffer from total site area when computing water quality volume requirements. In addition, the volume of runoff draining to the buffer can be subtracted from the channel protection volume. The design of the stream buffer treatment system must use appropriate methods for conveying flows above the annual recurrence (1-yr storm) event, and adhere to the criteria listed below.

Rule: Subtract areas draining via overland flow to the buffer from total site area when computing water quality volume requirements.

Criteria:

- The minimum undisturbed buffer width shall be 50 feet, or as required by the City's Buffer Ordinance, whichever is greater.
- The maximum contributing length shall be 150 feet for pervious surfaces and 75 feet for impervious surfaces
- The average contributing slope shall be 3% maximum unless a flow spreader is used
- Runoff shall enter the buffer as overland sheet flow. A flow spreader can be supplied to ensure this, or if average contributing slope criteria cannot be met
- Not applicable if overland flow filtration/groundwater recharge credit is already being taken
- Buffers shall remain unmanaged other than routine debris removal
- R_V is kept constant when calculating WQ_V

Example: Residential Subdivision
 Area = 38 acres
 Impervious Area = 13.8 acres
 Area Draining to Buffer = 5 acres

$$R_V = 0.05 + 0.009 (I) = 0.05 + 0.009 (36.3\%) = 0.37$$

Credit:

5.0 acres draining to buffer

New drainage area = $38 - 5 = 33$ acres

Before credit:

$$WQ_V = (1.2)(0.37)(38)/12 = 1.40 \text{ ac-ft}$$

With credit:

$$WQ_V = (1.2)(0.37)(33)/12 = 1.22 \text{ ac-ft}$$

(13% reduction in water quality volume)

Site Design Credit #3: Vegetated Channels

This credit may be taken when vegetated (grass) channels are used for water quality treatment. Under the proposed credit, a designer would be able to subtract the areas draining to a grass channel from total site area when computing water quality volume requirements. A vegetated channel can fully meet the water quality volume requirements for certain kinds of low-density residential development (see low impact development credit). An added benefit will be that the post-development peak discharges will likely be lower due to a longer time of concentration for the site.

This credit cannot be taken if grass channels are being used as a limited application structural stormwater control (i.e. not designed to fully meet the design methodology and criteria) towards meeting the pollutant reduction goal for WQ_V treatment.

Rule: Subtract the areas draining to a grass channel from total site area when computing water quality volume requirements.

Criteria:

- The credit shall only be applied to moderate or low density residential land uses (3 dwelling units per acre maximum)
- The maximum flow velocity for water quality design storm shall be less than or equal to feet per second
- The minimum residence time for the water quality storm shall be 5 minutes
- The bottom width shall be a maximum of 6 feet. If a larger channel is needed use of a compound cross section is required
- The side slopes shall be 3:1 (horizontal:vertical) or flatter
- The channel slope shall be 3 percent or less
- R_V is kept constant when calculating WQ_V

Example: Residential Subdivision
Area = 38 acres
Impervious Area = 13.8 acres

$$R_V = 0.05 + 0.009 (I) = 0.05 + 0.009 (36.3\%) = 0.37$$

Credit:

12.5 acres meet grass channel criteria
New drainage area = 38 – 12.5 = 25.5 acres

Before credit:

$$WQ_V = (1.2)(0.37)(38)/12 = 1.40 \text{ ac-ft}$$

With credit:

$$WQ_V = (1.2)(0.37)(25.5)/12 = 0.94 \text{ ac-ft}$$

(33% reduction in water quality volume)

Site Design Credit #4: Overland Flow Filtration/Groundwater Recharge Zones

This credit can be taken when “overland flow filtration/infiltration zones” are incorporated into the site design to receive runoff from small impervious areas (e.g., driveways, small parking lots, etc). This can be achieved by grading the site to promote overland vegetative filtering or infiltration areas (i.e. rain gardens). If impervious areas are adequately disconnected, they can be deducted from total site area when computing the WQv requirements. An added benefit will be that the post-development peak discharges will likely be lower due to a longer time of concentration for the site.

Rule: If impervious areas are adequately disconnected (i.e. the receiving area has the appropriate soils, surface area, length and slope to filter and/or infiltrate the calculated runoff volume for the water quality event), they can be deducted from total site area when computing the water quality volume requirements.

Criteria:

- Relatively permeable soils (hydrologic soil groups A and B) must be present
- Runoff shall not come from a designated hotspot
- The maximum contributing impervious flow path length shall be 75 feet
- Downspouts shall be 10+ feet away from impervious surface to discourage “re-connections”
- The disconnection shall drain continuously through a vegetated channel, swale, or filter strip to the property line or structural stormwater control
- The length of the “disconnection” shall be equal to or greater than the contributing length
- The entire vegetative “disconnection” shall be on a slope less than or equal to 3 percent
- The imperviousness area to a discharge location is 5,000 square feet or less.
- If draining directly to a buffer the stream buffer credit cannot also be used
- R_v is kept constant when calculating WQv

Example: Site Area = 3.0
 Impervious Area = 1.9 acres (or 63.3% impervious cover)
 “Disconnected” Impervious Area = 0.5 acres

$$R_v = 0.05 + 0.009 (I) = 0.05 + 0.009 (63.3\%) = 0.62$$

Credit:

0.5 acres of surface imperviousness hydrologically disconnected
 New drainage area = $3 - 0.5 = 2.5$ acres

Before credit:

$$WQ_v = (1.2)(0.62)(3)/12 = 0.19 \text{ ac-ft}$$

With credit:

$$WQ_v = (1.2)(0.62)(2.5)/12 = 0.15 \text{ ac-ft}$$

(21% reduction in water quality volume)

4.2 User Fee Crediting Options

The Unified Sizing Criteria (USC) method is hydrology-based, using imperviousness as the key factor in determining the WQ_v and associated stormwater burden on the City. The User Fee is the City's primary funding mechanism for managing stormwater quality associated with impervious areas. Mitigating stormwater quality impacts through the use of Better Site Design and Best Management Practices can reduce the burden on the City and will be rewarded by a reduction in the User Fee, where applicable. To calculate the User Fee Credit for Water Quality Volume Reduction, use the following method:

1. Calculate the WQ_v that is addressed by the site, based on the USC Methodology.
2. Convert the WQ_v to an area by dividing the WQ_v by the water quality rainfall depth of 1.2 inches. This is the area of which water quality impacts will be fully mitigated (by infiltration and/or filtration) - this will be referred to as the WQ_v Impervious Reduction (IR).
3. Identify the amount of physical imperviousness that the site contains, which the User Fee would be based on – this will be referred to as the Impervious Area (IA).
4. Compare the IR and IA values, and generate a % Reduction that is applied to the fee (i.e. $IR/IA = \% \text{ Reduction}$). The % Reduction should be rounded to the nearest whole number. User fee crediting will be capped at a maximum % Reduction of 30%.
5. Multiply the % Reduction by the User Fee (based on Impervious Area) to calculate the final amount of the User Fee.

Chapter 5 – Additional BMP Requirements

5.1 Water Surface Dewatering

When discharging stormwater from temporary sediment basins, sediment ponds, or other similar impoundments, utilize outlet structures that only withdraw water from near the surface of the basin or impoundment, unless infeasible. The outlet structure should be capable of conveying the flow of the 10-year, 24-hour storm event.

Typically referred to as “skimmers,” water surface dewatering devices are designed to improve sediment trapping efficiency by regulating the filling and draining of a stormwater basin or pond. Since these devices float on the water surface, the skimmer orifice has a constant head that allows the basin to drain slowly at a constant rate from the water surface, where sediment concentrations are typically lowest.

Sediment basins and sediment ponds must be designed to consider the specific site conditions, including soil types, drainage area, sediment generated, rainfall, runoff, and potential risk for downstream impacts. When designing a sediment basin or sediment pond, the engineer should provide appropriate supporting calculations for the skimmer. Several manufacturers of these devices offer design guidance, construction details and specifications.

Appendices

A. Design Aids

- Calculation Worksheets
 - Volume Calculation Tool
 - BMP Sizing Tools for:
 - Bioretention
 - Infiltration Trench
 - Dry Enhanced Swale
 - Grass Filter Strip
 - Porous Surfaces
- Standard CAD Details and Notes/Specs
 - Bioretention
 - Infiltration Trench
 - Dry Enhanced Swale
 - Grass Filter Strip
 - Micropool Extended Dry Detention Pond
 - Wet Detention Pond

B. Maintenance Schedules

C. Flood Area Map

Appendix C: Flood Area Map



EXHIBIT B-3**Rocky Branch and Rocky Branch Watershed Improvements**

The Buyer, its successors and assigns, shall make necessary improvements to the Bluff Road railroad embankment, remove the railroad trestle downstream of Olympia Avenue and enlarge the Olympia Avenue culvert crossing to enhance water quality and improve flooding conditions in the area to a degree that is acceptable to the Buyer, Seller, and County and as recommended in the Urban Study of the Rocky Branch Watershed by AMEC Environmental & Infrastructure, Inc. dated June 1, 2012, a copy of which is attached as Exhibit B-4 hereto and incorporated herein by specific reference thereto and as set forth in the motion approved by Columbia City Council on June 5, 2012, a copy of which is attached hereto as Exhibit ## and incorporated herein by specific reference thereto.

Buyer, Seller, and the County shall work together to create the optimum flooding, drainage, and water quality situation from Assembly street to the Congaree River. In addition to the three improvements specifically set forth in the previous paragraph, the Buyer shall facilitate and pay for all surveying, plans, permitting, and design of the improvements. In addition, the Buyer shall use its best efforts to perform any mitigation required by DHEC or the Army Corp of Engineers, for the Buyer's relocation of the onsite stream, within Rocky Branch.



Urban Study

EXHIBIT B-4

Rocky Branch Watershed
Columbia, South Carolina

Prepared for:
City of Columbia
1136 Washington Street
Columbia, SC 29217

Prepared by:
AMEC Environment & Infrastructure, Inc.
720 Gracern Road
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June 1, 2012

Project No. 6250-12-0007



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FIGURES

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- Figure 2 - Location of the Proposed Site with the Ground DEM
- Figure 3 - Existing Floodplain SFHA
- Figure 4 - Hydrographs of the Base Flood at the Southern Railway Culvert

Executive Summary

The purpose of this study is to examine the Assembly Street site with respect to the proposed commercial development to determine the potential impacts that the development could have on the adjacent Rocky Branch. Rocky Branch currently has significant flooding and water quality problems and the effects of developing a large property adjacent to the stream must be studied to determine the potential impacts. When proposed project improvements potentially encroach on a regulatory floodway, the City of Columbia requires a demonstration that these improvements will not raise (ie, no rise) the off-site base flood elevations (BFE) along the waterway. The base flood elevation is defined as the 1% annual chance flood which means it has a one percent chance of occurrence in any given year, also referred to as the 100-year flood.

In addition to modeling the potential hydrologic and hydraulic impacts of the proposed commercial development, other scenarios were examined to identify opportunities to address flooding and water quality problems within Rocky Branch. The study results indicate that the proposed development of the project site could be implemented without significant impacts to the Rocky Branch watershed. Furthermore, immediate opportunities exist to alleviate localized flooding and water quality problems, and long term opportunities exist to develop a comprehensive plan for improving flooding and water quality problems throughout the watershed.

1. Introduction

The City of Columbia contracted AMEC Environment and Infrastructure, Inc. (AMEC) to conduct a study of the urban development impact to the Rocky Branch waterway and drainage basin as a result of the proposed development at 301 Assembly Street, Columbia, SC (project site). The goal of this assignment was to assess the potential hydrologic, hydraulic and water quality impact that the proposed development at the project site could have on the waterway and drainage basin.

1.2 Project Description

Rocky Branch is an urban stream that runs through downtown Columbia, approximately four miles in length, beginning in the Martin Luther King Park area. Rocky Branch flows through and under the Five Points area, through the University of South Carolina campus (USC), past the proposed development just south of Assembly Street, into the Olympia neighbourhood and eventually into the Congaree River. While the majority of Rocky Branch is a channelized urban stream with limited floodplain access, portions of the stream are piped under the Five Points area.

The project site located at 301 Assembly Street is currently a baseball park owned in part by the City of Columbia. The proposed development of the site would likely include the construction of a shopping center with approximately 186,000 square feet of retail stores and approximately 400,000 square feet of parking and other impervious surfaces. The site lies to the southeast of Rocky Branch near the intersection of Assembly Street and Ferguson Street. According to the latest Flood Insurance Rate Map (FIRM) for Richland County dated February 20, 2002, the proposed development would be located within the floodplain. However, the site is not shown to be encroaching in to the regulatory floodway, based on the information available to AMEC. FEMA is currently in the process of revising the floodplain map, which is scheduled to be completed by the end of 2012.

1.2.1 Available data and models

A complete list of the numerous documents reviewed for this study is included in the Appendix.

Among these documents, the Conceptual Site Plan by Freeland and Kauffman, dated 12/14/11, was used to model the proposed site development as directed by the City of Columbia. AMEC also evaluated the following available models:

- Rocky Branch FEMA Flood Insurance Study (FIS), which was conducted in the late 1970s, available as a PDF printout of a HEC-2 model.
- Parson Brinckerhoff (PB) HEC-RAS models showing 5 different scenarios/alternatives of potential modifications to Rocky Branch.
- Pace Engineering study which appears to be based on a HEC-2 model.

AMEC also obtained recent LiDAR data from the U.S. Geological Survey (USGS).

1.3 Regulatory Floodplain Mapping

The current effective regulatory information for Rocky Branch Watershed is outlined in the Federal Emergency Management Agency (FEMA) Flood Insurance Study (FIS) for Richland County, South Carolina And Incorporated Areas. This published FIS data consists of:

- Flood Insurance Rate Map (FIRM): Panel 94 of 275. Map Number: 45079C0094 H (Dated February 20, 2002).
- FIS Report (Volume 1 and 2): Dated September 29, 2010.

The FIS report (Volume 1) lists the Summary of Discharges for Rocky Branch as outlined in Table 1 below:

Table 1: Effective Summary of Discharges (Source: FEMA FIS Report)

	Drainage Areas (Square Miles)	Peak Discharges (cfs)			
		10-year	50-year	100-year	500-year
At Mouth	3.7	2,210	3,190	3,550	4,780
At Southern Railway	2.9	2,110	3,020	3,360	4,430

The dates listed in the published FIS are indicative of updates to adjacent watersheds and flooding sources in Richland County and its Incorporated Areas. However, the FIS did not indicate that Rocky Branch was re-studied, which explains why the effective Hydrologic and Hydraulic (H&H) study for Rocky Branch watershed traces back to the first effective FIS for the City of Columbia (September 1, 1983). In this first FIS, the hydraulic analyses were conducted in detail using U.S. Corp of engineers (HEC-2) software (Updated release August, 1977) which uses step-backwater method of calculation. HEC-2 is the predecessor of the HEC-RAS hydraulic model which is currently approved and preferred for use in most riverine hydraulic analyses submitted to FEMA.

AMEC obtained a scanned PDF copy of HEC-2 model for Rocky Branch (Run executed on July 17, 1979) and verified that the flows used in the HEC-2 model are consistent with the ones in the current FIS Report listed in Table 1 above. Therefore, the flows listed in Table 1 above were computed in the late 1970s and are the only FEMA regulated flows in the Rocky Branch Drainage Basin.

The current FIS Report mentions that the computed Special Flood Hazard Areas (SFHAs) were re-delineated for streams that were not re-studied (i.e., Rocky Branch). Consequently this means the FIRM map (dated February 20, 2002) already has the needed datum conversions (from NGVD29 to NAVD88) and also has the proper re-mapping of the SFHAs using up-to-date topographic information (at the time of production). This is consistent with FEMA's practice of

updating old models and maps to reference the elevations from the old National Geodetic Vertical Datum (NGVD 29) to the North American Vertical Datum (NAVD 88). This type of update does not include any updated underwater channel topographical survey nor does it include any update to the previously computed peak flood flows which are expected to increase due to urbanization.

The SFHAs are defined as the area that will be inundated by the flood event having a 1-percent chance of being equalled or exceeded in any given year. The 1-percent annual chance flood is also referred to as the base flood or 100-year flood.

The proposed project area is within the FIRM SFHA. Attachment-A illustrates portions of the FIRM (FIRMettes) for this reach of Rocky Branch. Downstream of Assembly Street, the regulated computed Base Flood Elevation (BFE) from the HEC-2 model output (FIS profile Panel Number 120P) is 172.3 feet above mean sea level based on the NAVD88 datum while the mapped BFE (rounded) in the FIRM at the proposed development site is 173.0 feet (NAVD88).

1.4 Hydrology

As mentioned above, the effective flows (Table-1) used in the current FIS were based on late 1970s conditions of the Rocky Branch watershed. The Rocky Branch watershed has been subjected to many significant changes (i.e., landcover, landuse, grading, development...etc.) through the years. Therefore, the original flows needed to be updated to reflect the effective imperviousness of the watershed, which has increased. This section details the updates that were made to the flows by other parties, and the extent to which AMEC used that information for the goals of this project.

PB Americas, Inc. in conjunction with MA Engineering Consultants, Inc. was contracted by the City of Columbia to perform updated hydrologic and hydraulic studies of the Rocky Branch Watershed. This updated analysis was finalized in models and a report submitted to the City in October 2007. In this report, we refer to this updated analysis as the PB Study.

The PB Study based its analysis on comprehensive work conducted by the US Army Corps of Engineers (USACE), Charleston District in 2000. In this report, we refer to this work done by the USACE as the USACE Study.

The USACE constructed a comprehensive new hydrologic model of Rocky Branch Watershed using the USACE Hydrologic Engineering Center's Hydrologic Modelling System (HEC-HMS) model. The USACE HEC-HMS model was based on the existing conditions of the watershed which would have been the late 1990s. Due to land development and changes in Rocky Branch Watershed, PB Americas, Inc. updated the USACE HEC-HMS model while maintaining its original model configuration (See Figure-1). After comparing the USACE and PB Studies, only minor changes were noted to the overall drainage area (i.e. 0.008 square-mile difference) and no significant changes to the USACE flows were made).

AMEC performed cursory reviews of the PB Study and inspected its schematic components, connectivity, data input and executions. After inspecting the entire watershed with the most current aerial imagery (using Microsoft Bing), no changes were noted and there was no need to change the PB Study. However, AMEC updated the PB Study which was based on version 3.1.0 of HEC-HMS (Released November 2006) to version 3.5 which is the most recent available release (August 2010). Comparing the results of the two HEC-HMS versions (3.1.0 and 3.5), no differences were noted in the computed flows. Therefore, AMEC used the flows from the PB Study to analyze the current existing conditions of the Watershed.

Figure 1: HMS Schematic of Rocky Branch Watershed

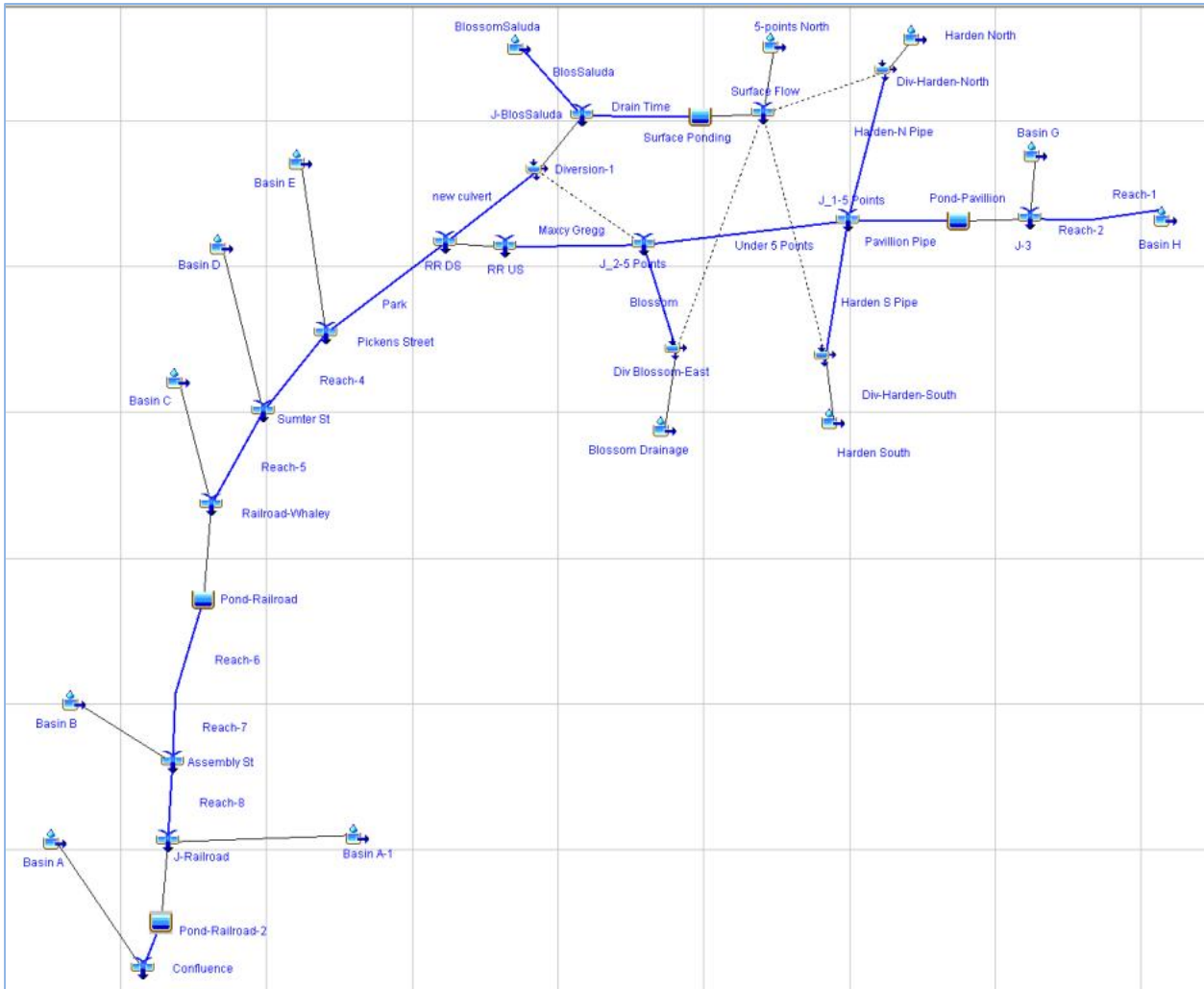


Table 2 below shows the existing peak discharges within the study reach as taken from the PB Study (2, 5, 10, 25, 50 and 100-year return interval floods which have a 50%, 20%, 10%, 4%, 2% and 1% annual chance of occurrence in any given year, respectively). The peak flows for the 1-year event were added by AMEC while analyzing the watershed response to other storm frequencies:

Table 2: Peak Flow Discharges of the Current Existing Conditions

HMS Location	1-year	2-year	5-year	10-year	25-year	50-year	100-year
Sumter Street	1,045	1,436	2,014	2,442	2,982	3,469	3,964
Assembly Street	1,218	1,653	2,320	2,843	3,503	4,062	4,621
J-Railroad (Railroad D/S of Bluff Rd)	1,241	1,700	2,417	2,972	3,692	4,305	4,927
Confluence with Congaree River	1,329	1,842	2,616	3,117	3,668	4,053	4,425

The rainfall events (2, 5, 10, 25, 50 and 100-year) in the PB Study are from the Richland County Climate Report (No. G32). In this Climate Report, the frequency of the 1-year rainfall event is not included.

The newly added 1-year frequency of rainfall event was taken from the National Oceanic and Atmospheric Administration (NOAA) using Atlas 14, Volume 2 and Version 3. The data is listed in Table 3 below:

Table 3: Precipitation Frequency Estimate for 1-year Event (90% Annual Chance)

Duration	5-min	15-min	1-hr	2-hr	3-hr	6-hr	12-hr	24-hr
Depth (Inch)	0.451	0.90	1.54	1.77	1.86	2.21	2.58	3.0

1.5 Hydraulic Modeling

Two kinds of technical evaluations are used for proposed development in a floodplain. All proposed floodplain development must meet the "no adverse effect" criteria, while proposed floodway development must also meet the "no-rise" criteria. For streams with detailed studies

(FEMA AE-zones) and established BFEs, the 100-year floodplain has been divided into two zones: the floodway and the floodway fringe. The floodway is that area that must be kept open to convey flood waters downstream. The floodway fringe is that area that can be developed in accordance with FEMA standards as adopted by local ordinances. Based on the information that AMEC was able to attain, the proposed filling of the development site appears to be located outside the floodway boundary of the regulated floodplain (Attachment-A: FIRMettes).

Effective Model

As mentioned earlier, the effective hydraulic model of Rocky Branch Watershed was developed in the late 1970s using the USACE HEC-2 Computer Software. A copy of the PDF printout of this model (input and output data) is included for the multiple and floodway runs (See Attachment B). The current FIS (Map and Report) for the study area uses the elevations generated from this model after converting the datum to NAVD88. The peak discharges in this model were listed in Table-1 above. The elevations based on the NAVD88 datum were computed by lowering the NGVD29 elevations by 0.8 feet (See Section 3.3 in the FIS Report Vertical Datum).

The model output printout as provided in Attachment B (See also FIS profile 119P-120P) shows that the BFE downstream of Assembly Street is approximately 172.3 feet (NAVD88) and remains almost the same (for approximately 1,500 feet) until the reach downstream of the Bluff Road railroad embankment located just downstream of Bluff Road.

Duplicate Effective Model

The effective model (HEC-2) was reproduced (with the same data and flows) using the latest U.S. Army Corps of Engineers (HEC-RAS) software, version 4.1.0. This new HEC-RAS model is referred to as the Duplicate Effective Model. Comparisons of output data between the Effective Model (i.e. original FIS published results) and Duplicate Effective Model show changes in flood elevations (increase of 1.7 feet). These changes are attributed to computational differences between succeeding versions of the model software, such as: method of

conveyance calculations, critical depth default, differences in bridge/culvert modeling routines, and many other updates to computational algorithms.

The HEC-RAS User's Manual and the HEC-RAS Hydraulics Reference Manual provide details on computational differences between the HEC-2 and HEC-RAS and guidance on simulating HEC-2 results; such manuals should be consulted to explain the differences between the Effective and Duplicate Effective Models. The HEC-RAS software and manuals can be downloaded from the internet at: (<http://www.hec.usace.army.mil/>). Another useful reference is FEMA's "HEC-RAS Procedures for HEC-2 Modelers," dated April 2002. This publication can be downloaded from FEMA website at: (http://www.fema.gov/fhm/dl_fpmm.shtml).

The original Duplicate Effective Model was constructed by Pace Engineering. The digital model and output printout as provided in Attachment C shows that the BFE downstream of Assembly Street (Section 67.8) is approximately 174.0 feet (NAVD88) and remains almost the same (for approximately 1,500 feet) until downstream of the railroad embankment downstream of Bluff Road.

Existing Condition Model:

The existing HEC-RAS model for Rocky Branch Watershed was developed by USACE (along with their HMS model) and updated by PB Americas, Inc. using HEC-RAS (3.1.3). The PB Study Report (October, 2007) explained the modifications made to the USACE model.

AMEC performed cursory reviews of PB Study and inspected its schematic components, applied flows, data input and executions. After inspecting the overall model, no changes to the PB model were needed as the model reasonably represents the condition of the stream. However, AMEC updated the PB Study from version 3.1.3 of HEC-RAS (Released May 2005) to version 4.1 which is the most recent available release (January 2010).

After comparing the results of the two HEC-RAS versions (3.1.3 and 4.1), negligible differences were noted in the computed elevations within the Study Reach. The new run of HEC-RAS based on Version 4.1 has, in general, had higher elevations comparing to the older release of

HEC-RAS (See Attachment D for a complete table). Table 4 below highlights the differences in BFEs, within the Study Reach, which were limited to +/- 0.01 feet.

Table 4: Difference in computed BFE based on the new release of HEC-RAS

Physical Location	HEC-RAS Stations	100-year Elevations in Feet (NAVD 88)		Difference in Elevations (ft)
		Version 3.1.3	Version 4.1	
Southern Railroad Bridge (Upstream)	6,376	175.39	175.4	-0.01
Southern Railroad Bridge (Downstream)	6,354	175.26	175.26	0
	6,250	175.3	175.31	-0.01
Dreyfuss Street (Upstream)	6,162	175.3	175.31	-0.01
Dreyfuss Street (Downstream)	6,112	175.3	175.3	0
	5,721	175.3	175.3	0
Bluff Road (Upstream)	5,231	175.3	175.3	0
Bluff Road (Downstream)	5,181	175.29	175.29	0
Southern Railroad Culvert (Upstream)	5,166	174.63	174.63	0
Southern Railroad Culvert (Downstream)	4,986	152.13	152.12	+0.01

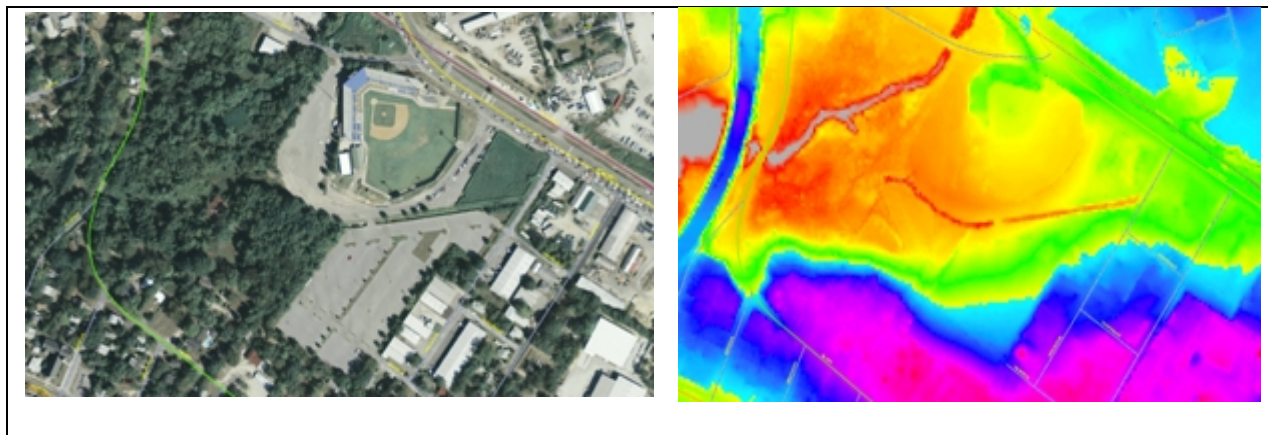
This existing model (version 4.1) is considered the Corrected Effective Model, since it reflects the updated flow conditions and/or undocumented, man-made changes that have occurred within the floodplain since the effective study was adopted. The model is also considered to be the Pre-Project Conditions and was used to analyze the impact of the proposed site on the floodplain. The BFE downstream of Assembly Street is approximately 175.3 feet (NAVD88), which is approximately 1.3 feet higher than the BFE in the duplicate effective model.

Post-Project Model:

The Pre-Project Condition Model was revised to reflect Post-Project Conditions (Proposed Model). The proposed model incorporates physical changes to the floodplain and terrain as a result of constructing the project. The proposed project would include a grading change that will place fill in the floodplain area, above the current floodplain elevation.

AMEC obtained recent LiDAR data and high resolution Digital Elevation Model (DEM) covering the entire Rocky Branch Watershed from the USGS.

Figure 2: Location of the proposed site with the ground DEM



This ground DEM was modified to show the proposed grading and wall with a top elevation of 185 feet. The pre-project condition model was based on surveyed structures and channel data. The left overbank of cross section 5721, located at 416 feet downstream of Dreyfuss Street, is affected by the proposed development and hence changing its overbank geometry generated the post-project model (See Attachment E). Table 5 below compares base flood elevations (BFE) for the pre-project model and post-project model. The base flood (100-year) is the only profile that was used for mapping the floodplain.

After analyzing the results of pre-project versus post-project conditions, it was shown that the BFEs are not changed, when rounded to tenths of a foot, and very insignificant changes were

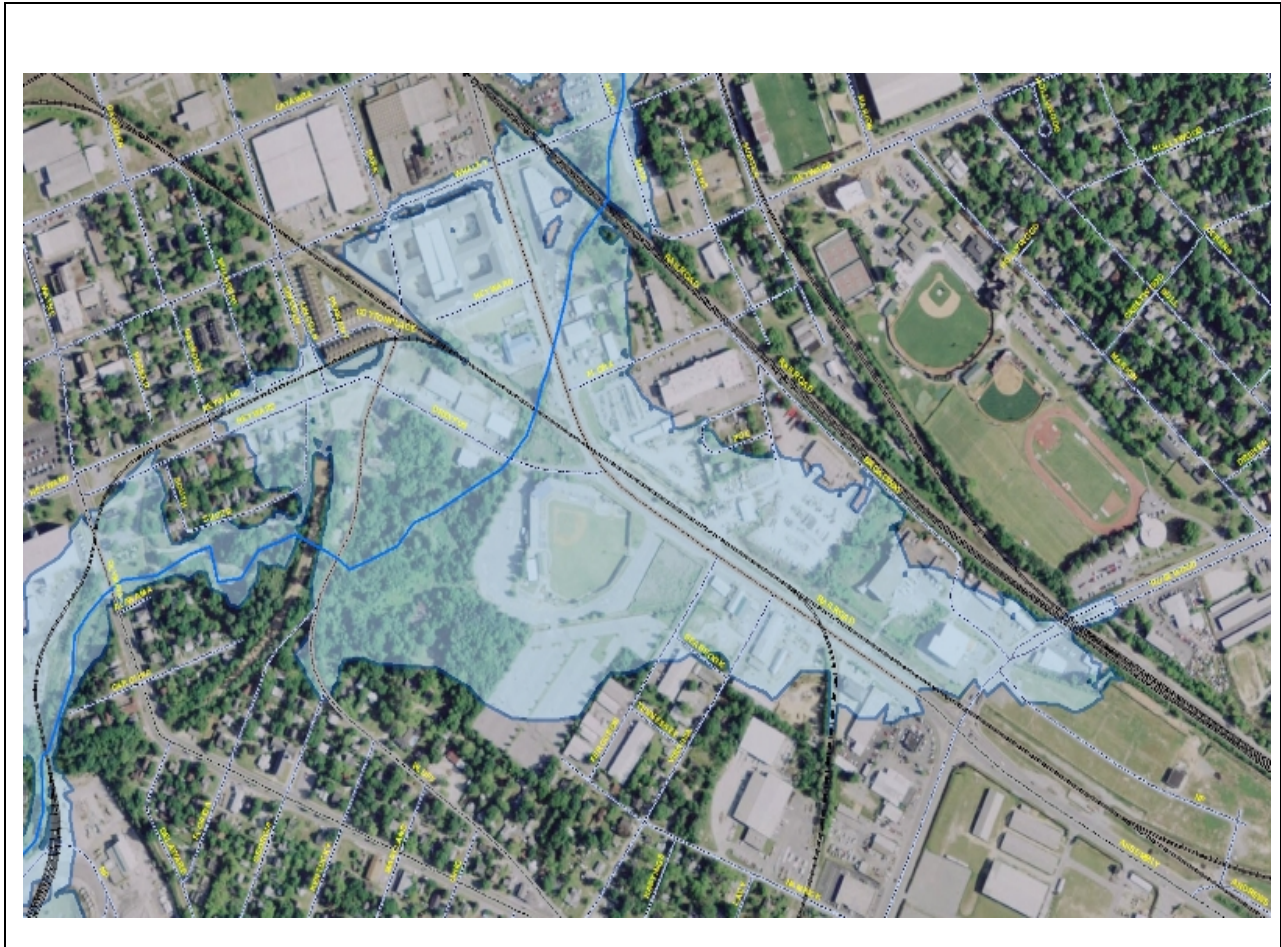
seen when rounded to hundredths of a foot. FEMA FIS Reports show only water surface elevations rounded to a tenth of a foot to display models' results. The results show that developing the site with this proposed plan is not expected to have an adverse effect on the BFE and SFHA.

Table 5: Computed Base Flood Elevations, before and after the proposed project

Physical Location	HEC-RAS Stations	Base Flood Elevation (BFE)	
		Pre-Project Model	Post-Project Model
Southern Railroad Bridge (Upstream)	6,376	175.4	175.4
Southern Railroad Bridge (Downstream)	6,354	175.26	175.27
	6,250	175.31	175.32
Dreyfuss Street (Upstream)	6,162	175.31	175.32
Dreyfuss Street (Downstream)	6,112	175.3	175.3
	5,721	175.3	175.3
Bluff Road (Upstream)	5,231	175.3	175.3
Bluff Road (Downstream)	5,181	175.29	175.29
Southern Railroad Culvert (Upstream)	5,166	174.63	174.63
Southern Railroad Culvert (Downstream)	4,986	152.12	152.12

The entire proposed project is located in the backwater (ineffective flow areas) outside the effective conveyance portion of the stream. Fill in such a backwater area is not expected to impact the BFE.

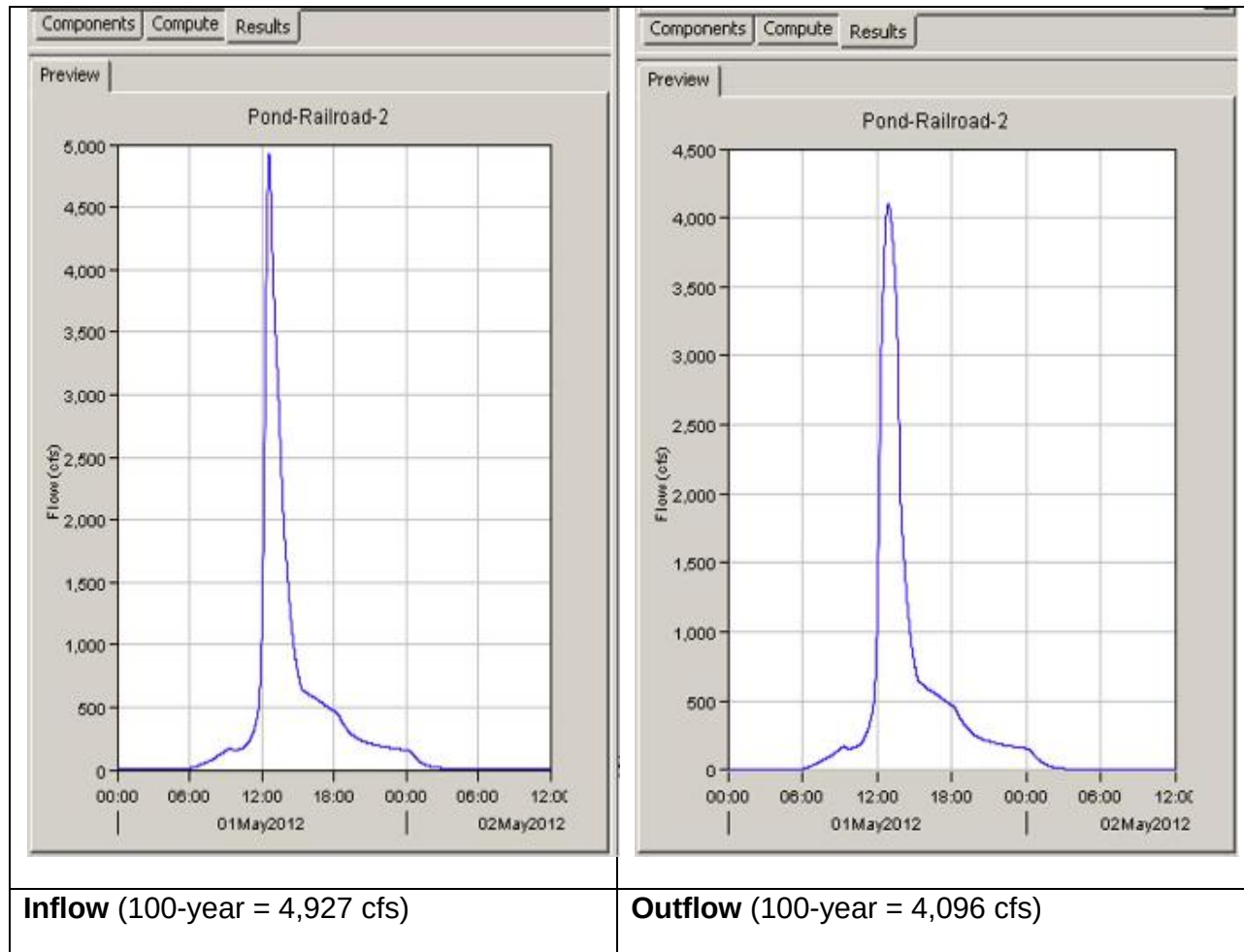
Figure 3: Existing Floodplain (SFHA)



Upon inspecting the base profile (100-year) in the existing HEC-RAS model (or even the profile Panels 119-120P), it can be seen that the BFE is being controlled by the high embankment areas at the railroad culvert just downstream of Bluff Road. This embankment is affecting flooding conditions upstream and at the location of the proposed site development, and behaves

as an in-line pond with the ability to lower (attenuate) the exiting flows. Figure 4 shows the hydrologic hydrographs upstream and downstream of this confining railroad culvert. Those hydrographs show the relationship of stream flow to the start of storm runoff.

Figure 4: Hydrographs of the Base Flood at Southern Railroad Culvert



Therefore, it will be important to use these attenuated flows for cross-sections downstream of the Bluff Road railway embankment to get a proper assessment of the impacts from proposed alterations to that crossing. The following section (Results) will focus on and provide the details

regarding alternative design analyses which include reducing flood stages for the Assembly Street site, hydrologic impacts to downstream areas, and the potential mitigating measures that could be taken.

2. Results and Conclusions

The results of AMEC's analyses are provided below, in the form of responses to the primary questions asked by the City. Tables and figures have been provided to show and compare the critical information from the modeling analyses. The full modeling results can be found in the Appendix.

How did the AMEC analyses compare with past studies?

AMEC was able to leverage the work performed in previous studies by PACE Engineering (2011) and PB Americas, Inc. (2007), which was collected by AMEC in the initial data collection steps of the project. AMEC's review of that available modeling information resulted in the following conclusions:

- PACE Engineering used the effective FEMA model, which was in the HEC-2 format and used the original Flood Insurance Study flows which did not reflect recent increases in urbanization. This was a reasonable first step to take by PACE Engineering, considering that this was an early assessment of floodplain behavior.
- PB Americas Inc. developed a new hydraulic model that was updated to reflect more recent watershed conditions (2006) including updated flows, which were developed with a widely accepted hydrologic model called HEC-HMS. The new hydraulic model (HEC-RAS), with its updated and higher flows, predicted flood stages that were higher than those predicted in the PACE Engineering model.
- A detailed review of the PB Americas Inc. HEC-RAS model determined that those cross-sections needed to be extended laterally to properly model flows for the highest flood stages. Therefore, AMEC used existing topographical data to extend the HEC-RAS

model cross-sections. This resulted in the prediction of similar stages as compared to the PB Americas model, but the AMEC hydraulic model shows wider and more accurate floodplain widths (See Map 1). The AMEC HEC-RAS model floodplain limits were similar than those in the effective FIRM, as can be seen in Map 2.

- The PB Study did model crossings causing large backwater conditions, such as the Bluff Road railway embankment, as dams and lakes in the HEC-HMS model. Doing so incorporates the effects of in-stream storage which can result in lower (attenuated) flows to downstream areas. The PB Study did not include attenuated flows in the HEC-RAS model, and instead chose to use conservatively higher unattenuated flows for the reach downstream of the Bluff Road railway embankment. That decision is common practice for studies that are focused on the hydraulic performance of a stream. However, AMEC did use hydrologic routing through these pond areas, which is discussed later in this section.
- Questions about the potential adverse downstream and upstream effects of the proposed fill to the project site, as well as the potential benefits of various stream crossing modifications, will be addressed later in this report.

In summary, AMEC found the previous studies by PACE Engineering and PB Americas, Inc. to be reasonable for their purposes, but the following changes were required by AMEC to address the goals of this project:

- Use the HEC-RAS model geometry from the PB Study, with extended cross-sections added by AMEC
- Use the updated flows from the HEC-HMS model developed in the PB Study, but change the flows downstream of the Bluff Road railway embankment to reflect the attenuated flows from the in-stream storage.

Would the proposed fill from the site cause a rise to the floodplain due to loss of conveyance?

AMEC used the available site design concept plan to modify the AMEC baseline HEC-RAS model. As can be seen in Map 3, the site limits lie in the backwater area, created by the severely undersized culvert through the railway embankment downstream of Bluff Road. This backwater area has a lesser conveyance capacity and is sometimes referred to as a “dead-water area”. Therefore, when modeled, the stream’s conveyance capacity was not shown to be affected by the proposed fill in this portion of the floodplain. It was determined that the proposed site development concept could likely be implemented without a rise in upstream water surfaces. Figure 1 provides a comparison of the flood stages at the site, which also depicts the proposed fill that was simulated in AMEC’s HEC-RAS model.

It should be noted that AMEC’s interpretation of the limits of fill may be different from a final design, and these rise calculations should be revised upon completion of final design. However, any such rises, if they occur, could likely be mitigated with downstream capacity increases, which are discussed later in this section. It should also be pointed out that the risk of negative impacts from the proposed site fill (i.e. storage volume that would be lost) was also considered. This issue is addressed later in this section also.

Would the fill reduce the storage volume of the floodplain and cause adverse impacts?

To address this question, AMEC validated the PB Study HEC-HMS model, which included a storage node for the Bluff Road railway embankment. That model resulted in reduced outflows from the railway culvert to the lower reach of Rocky Branch Creek (Olympia Avenue to the Congaree River). AMEC computed an independent in-stream storage estimate using available topographic data in the form of a Digital Elevation Model (DEM). As a result, AMEC’s estimates of the available in-stream storage behind the Bluff Road railway embankment were higher than those used in the PB Study model. The increase in available storage is considered to be the result of a more accurate DEM than what was available to PB Americas, Inc. Additionally, AMEC calculated the estimated proposed fill volume based on the conceptual site design. A comparison of those storage volumes is provided in Table 6.

Table 6 – Comparison of Floodplain Storage (for Elev 170)

Source	Storage (ac-ft)
PB Americas, Inc.	179.2
AMEC	328.7
Added Site Fill	241.0

When the HEC-HMS model was modified to include the greater in-stream storage capacity found to exist behind the Bluff Road railway embankment, the peak flows predicted to be exiting the Bluff Road railway culvert did not significantly differ from what was predicted in 2006 by PB Americas Inc. The peak flows that were used in the hydraulic models by AMEC for the railway embankment ponding (inflows) and areas immediately downstream (outflows) are provided in Table 7. The results in Table 7 indicate that there is a potential for lower flood stages, as compare to the PB Study, downstream of the Bluff Road railway embankment for flood events greater than the 10-year event. This could lead to impacts from proposed downstream improvements (i.e. the Bluff Road RR upgrade/removal), intended to reduce upstream flooding. This topic will be discussed later in this section.

AMEC also computed the potential loss of in-stream storage capacity in the ponding near the development site due to the proposed fill (see Table 6). That reduction in volume had no impacts on the outflow from the Bluff Road railway culvert. Therefore, AMEC determined that the proposed fill on the development site would not be expected to have an impact on downstream flows due to that change to the hydrologic routing of the stream.

Table 7 – Bluff Road Railway Culvert Flows

Storm Event	2-year	5-year	10-year	25-year	50-year	100-year
Inflow (cfs)	1,700	2,417	2,972	3,692	4,305	4,927
Outflow (cfs)	1,697	2,396	2,846	3,357	3,732	4,096
Change (cfs)	-3.8	-20.8	-126	-335.6	-572.7	-831.8
% Change	-0.2%	-0.9%	-4.2%	-9.1%	-13.3%	-16.9%

Can improving the downstream crossings move flooding downstream?

As noted earlier in this section, there is the potential to move flooding (adjacent to the site) to a downstream location by increasing the capacity of downstream stream crossings. Specifically, there was concern that the attenuated culvert outflow rates from the Bluff Road railway culvert could be increased if that crossing was hydraulically improved. Therefore, AMEC further modified the baseline HEC-RAS model to assign the attenuated flows in Table 7 to the stream reach downstream of the Bluff Road railway. The results of that modeling can be seen in Profiles 2 through 4, which compare the flood stages with and without the Bluff Road railway embankment. If the Bluff Road railway embankment were to be removed it would reduce upstream stages, and increase downstream flows and stages, due to the absence of the backwater effect from the currently under-sized culvert. The peak flood stage increases downstream of Olympia Avenue are approximately as follows:

- 100-yr: 1.5 ft
- 50-yr: 1 ft
- 10 to 25-yr: <0.5 ft

- 1 to 5-yr: no rise

Potential mitigation measures to prevent this impact from occurring are discussed in the later in this section.

Can improving the downstream crossings improve the flooding conditions?

As shown in Profiles 2-4, improving the hydraulic capacity of the Bluff road railway embankment can dramatically reduce the backwater effect and flood stages in the Assembly Street area. It should also be noted that the results shown in Figures 2-4 reflect the greatest benefits that could be achieved, without regard to cost or convenience. This supports the trend identified by PACE Engineering, which included more detailed design alternatives. Complete removal of the Bluff Road railway embankment would provide the maximum upstream benefit (i.e. flood stage reduction) but would generate the maximum downstream impacts (i.e. flood stage increases).

As noted previously, improvements in the hydraulic conveyance of flood flows through the Bluff Road railway embankment will increase downstream flows and stages. To better understand the potential mitigation of these downstream impacts, AMEC simulated improved hydraulic conveyance at Olympia Avenue by removing that embankment from the model. The results can be viewed in Profiles 5-10. The following can be concluded from those results:

- The flood stage reduction benefits to the reach upstream of the Bluff Road railway culvert, as a result of removing/upgrading the Bluff Road railway and Olympia Avenue crossings, diminish depending on the flood event:
 - o Benefits for the 100-year event stop at the Southern Railway crossing
 - o Benefits for the 50-year event stop at Assembly Street
 - o Benefits for the 2- through 10-years event stop at Dreyfuss Avenue
- Improving the Olympia Avenue crossing would mitigate potential rises between Olympia and Bluff Road – potentially below current flood stages.

- o Removing or modifying the abandoned railway and quarry access road crossings further downstream of Olympia Avenue could also mitigate those rises
- Downstream of Olympia Avenue, the 100-yr floodplain could be approximately 50-60 feet wider than currently predicted, if the crossings are improved or removed. However, that appears to be related to (at least in part) the backwater from the quarry access bridge, which could be upgraded if that increase in floodplain width causes problems for adjacent property owners.
 - o That access crossing is already overtopped by the 10-yr, flood event so it may not be an issue.
- Further downstream of Olympia Avenue, the flood stages are contained within the channel. Therefore, those stage increases would potentially be tolerable.

Can water quality be addressed?

Water quality could be improved if the Bluff Road railway culvert capacity was improved. As seen in Table 8, the current exit velocities are extremely high for the Bluff Road railway culvert which contributes to:

- Streambed scouring;
- Loss of vegetation and trees;
- Streambank destruction;
- Sediment deposition in the lower reaches of Rocky Branch; and
- Sediment deposition at the confluence of the Congaree River.

Reducing scour and in-stream velocities would also help to sustain potential stream restoration efforts in the Olympia Avenue area.

Table 8 – Existing Culvert Exit Velocities (fps)

Storm Event	2-year	5-year	10-year	25-year	50-year	100-year
Bluff Rd. RR	10.7	14.4	17.2	20.7	23.7	26.7
Olympia Ave.	14.4	12.1	10.9	9.9	9.4	8.1

However, AMEC sees no significant water quality benefits from the existing floodplain storage upstream of the Bluff Road railway embankment. As shown in Table 7, the storage volume and detention time for events that occur more frequently than the 2-year flood event are negligible. The 2-year flood event is larger than the events that are generally of concern when addressing water quality issues. In other words, there is not any significant ponding occurring for the more frequent flow events (i.e. <1yr event), and benefits from the trapping of in-stream pollutants would be minimal, if not negligible.

What impacts does flooding on the Congaree River have on the area?

The limits of flooding due to the backwater from the Congaree River are shown in red on Profiles 5, 6 and 8 – based on information from the FIS. The 100-year event does extend up toward Olympia Avenue, and therefore could supersede the aforementioned rises downstream of Olympia Avenue. The 50-year event does extend up toward the quarry access road, and could supersede the aforementioned rises at that location. More frequent events in the Congaree River are expected to be below the stages in Rocky Branch Creek.

How much of the watershed can be served by improvements near the site?

No significant benefits, in the form of reduced flood stages, are expected to extend upstream of the Assembly Street area. However, downstream water quality can be significantly improved if

the exit velocities from the Bluff road railway and Olympia Avenue culverts can be decreased through increases in hydraulic capacity.

3. Recommendations

Based on the results in the preceding section, AMEC offers the following conclusions and recommendations:

- Developing the Assembly Street site may require some floodplain management measures to mitigate impacts to both upstream and downstream locations:
 - o The AMEC analyses did not indicate that an increase in the 100-year flood stage would occur due to the proposed site fill. However, another detailed analysis should be performed when a final detailed site plan is provided to affirm that conclusion.
 - o If a rise is projected to occur due to the proposed site fill, it should be mitigated. This can be done with an increase in the hydraulic capacity of the Bluff Road and railway culverts.
 - o Increasing the hydraulic capacity through the Bluff Road railway embankment will lead to increased flows (10-year and greater) and flood stages in the downstream areas. However potential remedies have been identified.
- The suggested remedy (by PACE Engineering) of increasing the capacity of downstream crossings (Olympia Avenue) to mitigate a rise they expected due to site fill, offers the following advantages and potential impacts:
 - o A potentially significant reduction in upstream flood stages, which would likely stop at the Assembly Street crossing. The actual magnitude and extent of the reduced flood stages would depend on the actual improvement made (moderate increase, complete removal, etc.)

- o An increased level of protection and service for Bluff Road and Olympia Avenue, which are projected to be overtopped by frequent events.
- o Reduced exit velocities from the Bluff Road railway culvert, which are considered to be a major contributor to the in-stream degradation seen along Rocky Branch (i.e. Olympia Park area, confluence with the Congaree River).
- o Increased flow rates from the Bluff Road railway culvert to the downstream culverts. These increased flows will lead to increased flood stages at and downstream of Olympia Avenue.
 - For Olympia Avenue, an increase in the hydraulic capacity of the culvert would be needed to prevent increased overtopping.
 - The flood stage increases to the areas downstream of Olympia Avenue are not expected to expand the floodplain width significantly. In many locations, the flows are still contained within the streambanks. However, the limits of this study prevent AMEC from assessing potential structures at risk for such stage increases. If those rises are found to lead to damages, they can be mitigated by increasing the hydraulic capacity of other downstream crossings (abandoned railway crossing & quarry access road).
- The improvements to the Bluff Road railway embankment and Olympia Avenue may offer an opportunity for watershed restoration.
 - o Because the railway embankment just downstream of Bluff Road is not in service, it may be feasible to provide a pedestrian walk way (tunnel or open cut) that could be the key node in developing a pedestrian walkway from the USC housing areas by Olympia Street to the Assembly Street site.
 - o In addition to providing the connectivity between the areas downstream of Olympia Avenue and Assembly Street, this initial segment can provide support

for more greenway segments, as well as for restoring the health of the Rocky Branch watershed through public awareness.

- o This awareness could also support in-stream restoration of that stream segment, which would be more sustainable with the reduced exit velocities from the Bluff Road railway and Olympia Avenue culverts (if improved).
- Although the actions previously noted cannot provide direct improvements to the upstream portions of the watershed, such as Five Points, AMEC suggests that the following steps be considered:
 - o Instead of more costly and disruptive full culvert replacements, we suggest looking at culvert inlet modifications. In many cases, the meandering alignment of the stream may not provide for efficient inlet flow, and the available capacity of the existing culverts may not be fully utilized. Inlet modifications (e.g. wing walls) are cheaper than full culvert upgrades and have the ability to improve hydraulics by up to 30%.
 - o In other upstream areas, such as the paved ditch and parking area in the Sumter Street area, underground storage could be added that could be designed to draw flow off line and fill as flood stages begin to crest. This is known as “peak shaving”, and can be used not only to reduce flooding for frequent events, but could also serve water quality goals. Such a design could reduce the duration of bank-full flood stages which are the greatest contributor for in-stream erosion and bank destabilization.
 - o For these suggested upstream improvements, AMEC recommends that a dynamic model, such as the SWMM model previously developed, be employed. Dynamic models, while more being complex and require a higher level of expertise, link the hydraulic, hydrologic and in-stream routing aspects. Dynamic models offer the ability to perform continuous simulations and provide a more comprehensive assessment. That would better ensure that a particular solution

would not lead to an unintended impact upstream or downstream (changes in flows or stages).

- o If dynamic modeling is used, the available USGS gage data should be leveraged to attempt to tailor the rainfall patterns and their return frequencies to this small watershed. The typical 24-hr events, using the SCS methodology, were appropriate for the purposes of this study. However, if a greater investment is made to pursue the recommendations in this report, calibration would help to receive a higher return on that investment.
- There are additional Green Infrastructure techniques that could be used in the upper watershed areas, and are recommended for potential use during the development of the Assembly Street site that reduce runoff:
 - o One or more of the following should be considered and used when possible; “Green Roofs”; pervious pavement; and bioretention features. These features can capture and reduce runoff from the initial portion of a rainfall event, and also reduce the effective imperviousness of a given site such as the proposed Assembly Street development site. These practices have been shown to effectively improve site runoff water quality.
 - o Cisterns that use water for other purposes may be viable options. They can come in the simplest form of a planter box that draws runoff for plantings and trees, which evapotranspirates the runoff with reduced irrigation costs. Or they can come in the form of “Blue Roofs” which are storage containers that use rainfall for purposes such as cooling water or vehicle washing.
 - o Promoting more non-concentrated flow through sheet flow (e.g. downspout disconnection) and using open swales may have limited applications in an urbanized basin, but should be assessed for their suitability including the proposed Assembly Street development. While each such installation may not be able to serve a large area, the opportunities throughout the watershed will

multiply such that their cumulative effect could provide water quality improvements to the smaller tributaries to Rocky Branch Creek.

- Finally, based on AMEC's observation at recent Rocky Branch Watershed Alliance Technical Committee meetings, many of the aforementioned issues and recommendations could benefit from their (and other stakeholder) cooperation:
 - o Integrating public outreach into features such as a greenway, to draw interest in and support for improvements to the upper reaches of the watershed.
 - o Identifying opportunities for stream restoration or flow reduction in the Five Points and USC areas.
 - o Identifying and applying added resources (previous Master Plans, time from professors and students).
 - o Cooperating with USGS to gather more-detailed rainfall and stream stage/flow information from the available gages, or possibly to add more gages in strategic locations.
 - o Finding potential locations for runoff diversion and capture locations, as well as those locations that are suitable for Green Infrastructure techniques.



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Legal Department

FROM: *Shari Ardis, Legal Office Manager*

SUBJECT: Ordinance No.: 2019-040 Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 23, Utilities and Engineering, Article V, Water and Sewer Rates, Sec. 23-150 Discharge of septic tank waste and repealing Sec. 23-151 Use of septic tanks where public sewer is available

PURPOSE: First reading approval was given on June 11, 2019.

FUNDING SOURCE & ORIGINAL BUDGET:

FOCUS AREAS: Economic Prosperity - Endless Possibilities, Empowering Our Residents

ATTACHMENTS:

- **#a:** 2019-040 amend Sec. 23-150 Discharge of septic tank waste & repeal Sec. 23-151 Use of septic tanks where public sewer is available(PDF)

HISTORY:

06/11/19

Columbia City Council

APPROVED ON FIRST READING.

ORDINANCE NO.: 2019-040

Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 23, Utilities and Engineering, Article V, Water and Sewer Rates, Sec. 23-150 Discharge of septic tank waste and repealing Sec. 23-151 Use of septic tanks where public sewer is available

BE IT ORDAINED by the Mayor and Council this ____ day of _____, 2019, that the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 23, Utilities and Engineering, Article V, Water and Sewer Rates, amends Sec. 23-150 Discharge of septic tank waste and repeals Sec. 23-151 Use of septic tanks where public sewer is available in its entirety, as follows:

Sec. 23-150. Discharge of septic tank hauled waste.

(a) ~~It shall be unlawful for any person to discharge solid or liquid waste into the sanitary sewer system unless the standards of acceptable waste established by ordinance are met and the discharge is made through an approved connection. No material shall be discharged into the public sewer system through a manhole without a permit from the director of utilities and engineering, which permit shall be issued only in a emergency involving the public health and safety.~~

(ba) Hauled waste shall be deposited at an approved location at the wastewater treatment plant. Each depositor shall be approved by the director of utilities and engineering and shall be properly licensed to conduct such a business. Discharge of wastewater transported from private utilities is prohibited. The following fees shall be paid prior to the discharge of each load:

Gallons	Portable Toilet, Septic Tank and Grease Trap Wastes	Contaminated Groundwater
1—500	\$60.00	\$121.00
501—1,000	72.00	144.00
1,101—1,500	84.00	168.00
1,501—2,000	96.00	192.00
2,001—2,500	108.00	216.00
2,501—3,000	120.00	240.00
3,001—3,500	132.00	264.00
3,501 or more	\$12.00 per 500 gallons or any portion thereof over 3500 gallons	\$24.00 per 500 gallons or any portion thereof over 3500 gallons

(eb) Wastewater discharges having a stabilized pH lower than 6.0 or higher than 9.0 shall be subject to an additional pH adjustment charge or shall be prohibited as follows:

Less than 3.0 Prohibited

From 3.0 to 4.9 \$10.00

From 5.0 to 5.9 5.00

From 6.0 to 9.0 No charge

From 9.1 to 10.0 5.00

From 10.1 to 12.0 10.00

Greater than 12.0 Prohibited

Sec. 23-151. Use of septic tanks where public sewer is available.

~~It shall be unlawful for any person owning property within the city to maintain or use a septic tank where a public sewer is accessible for connection, subject to the following exception: Use of a septic tank in existence prior to the availability of a public sewer accessible for connection is permitted until such time as repair is necessary to place the septic tank in proper working order or the septic tank is malfunctioning or the septic tank needs to be pumped or the septic tank is pumped, whichever shall first occur. Upon repair, malfunction, the need to be pumped or pumping,~~

connection to the public sewer accessible for connection is mandatory. Such connection shall be made within 30 days after the owner of the property serviced by the septic tank is given written notice by the public services department of the city that connection is required by virtue of repair, malfunction, the need to pump or pumping. Installation of new septic tanks where a public sewer is accessible is strictly prohibited. Any violation of this section shall a misdemeanor, punishable, upon conviction, in accordance with section 1-5.

This ordinance is effective as of July 1, 2019.

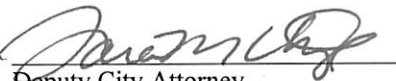
Requested by:

Assistant City Manager Shealy

Approved by:

City Manager

Approved as to form:


Deputy City Attorney

Mayor

ATTEST:

City Clerk

Public Hearing:

Introduced:

Final Reading:



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Legal Department

FROM: *Shari Ardis, Legal Office Manager*

SUBJECT: Resolution No.: R-2019-055 Authorizing the City Manager to execute a First Amendment to Purchase and Sale Agreement between the City of Columbia and HRT Realty, LLC and any documents necessary to consummate the purchase of 1601 Assembly Street, Richland County TMS #09014-01-02

**FUNDING SOURCE &
ORIGINAL BUDGET:**

FOCUS AREAS: Economic Prosperity - Endless Possibilities, Innovative & High Quality Municipal Services

ATTACHMENTS:

- **#a:** R-2019-055 authorize HRT 1st Amendment to PSA - 1601 Assembly (PDF)

RESOLUTION NO.: R-2019-055

Authorizing the City Manager to execute a First Amendment to Purchase and Sale Agreement between the City of Columbia and HRT Realty, LLC and any documents necessary to consummate the purchase of 1601 Assembly Street, Richland County TMS #09014-01-02

BE IT RESOLVED by the Mayor and City Council this ____ day of _____, 2019, that the City Manager is hereby authorized to execute the attached First Amendment to Purchase and Sale Agreement and any other documents necessary, as approved by the City Attorney, in order to consummate the purchase of the referenced property, between the City of Columbia and HRT Realty, LLC for the purchase of 1601 Assembly Street, Richland County TMS #09014-01-02.

(Funding Source: 4039999-659100)

Requested by:

Assistant City Manager Gentry

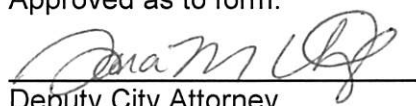
Mayor

Approved by:

City Manager

ATTEST:

Approved as to form:


Deputy City Attorney

City Clerk

Introduced:

Final Reading:

FIRST AMENDMENT TO PURCHASE AND SALE AGREEMENT

THIS FIRST AMENDMENT TO PURCHASE AND SALE AGREEMENT ("Amendment") is made effective as of the date of the last signature hereinbelow, by and between HRT Realty, LLC, a Maryland limited liability company ("Seller") and the City of Columbia, South Carolina ("Buyer").

WHEREAS, Seller and Buyer made and entered into that certain Purchase and Sale Agreement with an Effective Date of May 8, 2019 (the "PSA"); and

WHEREAS, pursuant to the PSA, Buyer extended the Study Period to June 3, 2019 pursuant to its notice of extension letter dated May 13, 2019; and

WHEREAS, Seller and Buyer have agreed to further extend the Study Period and amend certain other terms of the PSA as provided herein.

NOW THEREFORE, in consideration of the premises herein and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the Buyer and the Seller hereby agree to amend the PSA and the PSA is hereby amended as follows:

1. **Extension of Study Period.** The Study Period is hereby extended to 5:00 pm (local North Carolina time) on Friday, June 14, 2019.
2. **Waiver of Title and Survey Objections.** Pursuant to Section 3.04(i), Buyer hereby elects to waive title and survey defects or other matters so objected. Buyer further agrees to waive its right to terminate the PSA because of such title and survey matters or defects (it being understood that although Buyer elects to waive as per Section 3.04 of the PSA, Buyer preserves its rights under Section 5.01(a) and remedies under Section 9.01 of the PSA).
3. **Effect of Amendment.** Except as herein modified, the PSA shall remain unchanged and in full force and effect. Each and every term, covenant and condition of the PSA is hereby incorporated herein such that the PSA and this Amendment shall be read and construed as one instrument. Capitalized terms used herein and not otherwise defined shall have the meaning as set forth in the PSA. This Amendment modifies and amends the PSA and the terms and provisions hereof shall supersede and control over any contrary or conflicting terms and provisions set forth in the PSA. The PSA, as amended by this Amendment, is in full force and effect.
4. **Counterparts.** This Amendment may be executed in counterparts, each such counterpart shall be deemed to be an original, but all such counterparts together shall constitute but one contract. The parties hereby acknowledge and agree that facsimile signatures or signatures transmitted by electronic mail in so-called "PDF" format shall be legal and binding and shall have the same force and effect as if an original of this Amendment had been delivered.

IN WITNESS WHEREOF, the parties hereto have entered into this Amendment as of the date first above written.

WITNESSES:

HRT Realty, LLC

By: _____

Name: _____

Title: _____

Date: _____

City of Columbia

By: _____

Name: Teresa B. Wilson

Title: City Manager

Date: _____

APPROVED AS TO FORM


 Legal Department City of Columbia, SC



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: Legal Department

FROM: *Shari Ardis, Legal Office Manager*

SUBJECT: Resolution No.: R-2019-056 Ratifying and Authorizing the City Manager to execute a First Amendment to Purchase and Sale of Real Property between the City of Columbia and Columbia Venture, LLC and any documents necessary to consummate the purchase of approximately 199.65 acres along Simmon Tree Lane, Beltline Boulevard and Bluff Road, Richland County TMS #11000-01-06 (pt)

FUNDING SOURCE & ORIGINAL BUDGET:

FOCUS AREAS: Economic Prosperity - Endless Possibilities, Enhancing Columbia's Neighborhoods, Innovative & High Quality Municipal Services

ATTACHMENTS:

- **#a:** R-2019-056 ratify-authorize Columbia Venture 1st Amendment to PSA Bluff Road (PDF)

RESOLUTION NO.: R-2019-056

Ratifying and Authorizing the City Manager to execute a First Amendment to Purchase and Sale of Real Property between the City of Columbia and Columbia Venture, LLC and any documents necessary to consummate the purchase of approximately 199.65 acres along Simmon Tree Lane, Beltline Boulevard and Bluff Road, Richland County TMS #11000-01-06 (pt)

BE IT RESOLVED by the Mayor and City Council this ____ day of _____, 2019, that the City Manager's execution of the First Amendment to Purchase and Sale of Real Property between the City of Columbia and Columbia Venture, LLC for the purchase of approximately 199.65 acres along Simmon Tree Lane, Beltline Boulevard and Bluff Road, Richland County TMS #11000-01-06 (pt) is authorized ratified; and,

BE IT FURTHER RESOLVED that the City Manager is authorized to execute any other documents necessary, as approved by the City Attorney, and that City Council does hereby ratify any such documents executed, in order to consummate the purchase of the referenced property, between the City of Columbia and Columbia Venture, LLC for the purchase of approximately 199.65 acres along Simmon Tree Lane, Beltline Boulevard and Bluff Road, Richland County TMS #11000-01-06 (pt).

(Funding Source: 4039999-659100)

Requested by:

Assistant City Manager Gentry _____

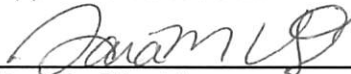
Mayor

Approved by:

City Manager

ATTEST:

Approved as to form:



Deputy City Attorney

City Clerk

Introduced:

Final Reading:

FIRST AMENDMENT TO CONTRACT FOR PURCHASE
AND SALE OF REAL PROPERTY

~~(Resolution No. R-2019-024)~~

Ben 6/13/19

(N) 6/13/19

THIS FIRST AMENDMENT TO CONTRACT FOR PURCHASE, AND SALE OF REAL PROPERTY (the "Amendment") is made the 29 day of MAY, 2019, by and between Columbia Venture, LLC ("Seller") and The City of Columbia ("Buyer").

WHEREAS, Seller and Buyer made and entered into that certain Contract for Purchase and Sale of Real Property having an Effective Date of April 4, 2019 (the "Contract"); and

WHEREAS, Buyer and Seller have agreed to amend the Contract as provided herein.

NOW THEREFORE, in consideration of the premises herein and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the Seller and the Buyer do hereby agree to amend the Contract, and the Contract is hereby amended, as follows:

1. The Contract is hereby amended to delete the first (1st) sentence of Section 5 entitled "Inspections" and to insert the following in lieu thereof:

"Buyer shall have through June 11, 2019 to undertake certain necessary inspections, market studies and other studies related to the Property (the "Inspection Period")."

Except as herein amended, the Contract shall remain unchanged and in full force and effect. Each and every term, covenant and condition of the Contract is hereby incorporated herein such that the Contract and this Amendment shall be read and construed as one instrument.

IN WITNESS WHEREOF the parties hereto have executed this Amendment as of the date first above written.

SELLER

Columbia Venture, LLC

By: *[Signature]*

Name: *B. D. H. Manning*

Title: *Manager for Columbia Venture*

BUYER

The City of Columbia

By: *[Signature]*

Name: *Teresa Wilson*

Title: *City Manager*

1979183v1

APPROVED AS TO FORM

[Signature]

Legal Department City of Columbia, SC



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: City Management Office

FROM: *Teresa Wilson, City Manager*

SUBJECT: Food Policy Committee

**FUNDING SOURCE &
ORIGINAL BUDGET:**

Purpose: The purpose of this committee is to gather and address problems found within food production, consumption, processing, distribution, and waste disposal with the primary focus on finding solutions to problems that promote sustainability, economic development, and social justice in the food system of the Columbia and surrounding areas by educating government officials about issues of the food system, making policy recommendations, research, fostering of cooperation among private, public, and non-profit interests.

Composition: This commission is comprised of fifteen (15) members

Action: Council is asked to appoint four (4) individuals

District Representation:

District 1 - 1
District 2 - 2
District 3 - 4
District 4 - 2
Outside City Limits - 3

District Representation of Applicants:

There are five (5) applications for consideration.

District 1 - 1
District 2 - 4
District 3 - 0
District 4 - 0
Outside City Limits - 0

HISTORY:

05/07/19

Columbia City Council

DEFERRED

There was a consensus of Council to re-advertise these vacancies for seven days.

05/21/19

Columbia City Council

DEFERRED



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: City Management Office

FROM: *Teresa Wilson, City Manager*

SUBJECT: Citizens Advisory Committee for Community Development

**FUNDING SOURCE &
ORIGINAL BUDGET:**

Purpose: The purpose of the Citizens Advisory Committee is to make important recommendations for the use of Community Development Block Grant (CDBG), Housing Opportunities for Persons with Aids (HOPWA). They advise the Mayor and Council on the needs of neighborhoods; reviews amendments; and make appropriate comments on policies.

Composition: This committee has seven (7) members with each Councilmember appointing one (1) representative. Appointees serve a four (4) year term with eligibility for one (1) reappointment.

Action: Council is asked to approve two (2) appointments.

District Representation:

District 1 - 1
District 2 - 2
District 3 - 3
District 4 - 1

District Representation of Applicants:

District 1 - 4
District 2 - 1
District 3 - 0
District 4 - 0

There are a total of five (5) applicants.

HISTORY:

05/07/19 Columbia City Council APPROVED

Council approved the appointment of Ms. Wanda Cannon as nominated by Mr. Baddourah. The remaining appointments were deferred.

05/21/19 Columbia City Council APPROVED

Council approved the appointment of Mr. Marcus Brown to the Citizens Advisory Committee for Community Development.



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: City Management Office

FROM: *Teresa Wilson, City Manager*

SUBJECT: Commercial Revolving Loan Fund Committee

**FUNDING SOURCE &
ORIGINAL BUDGET:**

ATTACHMENTS:

- **#a:** Commercial Revolving Loan Fund Memo (DOC)
- **#b:** CRLF Application (PDF)



We Are Columbia

TO: Ms. Teresa Wilson, City Manager

FROM: Ashley Jenkins, Office of the City Council

DATE: June 14, 2019

SUBJECT: Commercial Revolving Loan Fund Committee

Purpose: This committee approves commercial loans to businesses located within city limits that meet the criteria of council approved guidelines.

Composition: This committee is comprised of seven members: one (1) attorney, two (2) small businesspersons, one (1) community banker and one (1) licensed commercial contractor who serve a two (2) year term with one (1) reappointment. The remaining two (2) members are the City Manager and the Community Development Director who serve indefinite terms.

Action: Council is asked to re-appoint the following individuals: Jennifer Bishop (Chair), Mills Snell (Small Business Owner), Ms. Dianne Rushing (Small Business Owner, Licensed Contractor), and Kathleen Abraham (Banker) to their second terms. Council is asked to appoint one individual who is an attorney, to fulfill the board requirement.

- Current District Representation is:
 - District 1 – 3
 - District 2 – 0
 - District 3 – 1
 - District 4 – 1
 - Not in City Limits – 1
- District Representation of Applicant is:
 - District 1 – 0
 - District 2 – 1
 - District 3 – 0
 - District 4 – 0
 - Not in City Limits – 0

Applicants

Jonathan Riddle

2507 Marling Dr.
Columbia, SC 29204
District 2

Associate Attorney
Stern & Eisenberg Southern P.C.
1709 Devonshire Dr
Columbia, SC 29204-2404
District 2

Current Members

	<u>APPOINTED</u>	<u>STARTS</u>	<u>ENDS</u>
<u>Jennifer D. Bishop- Seeking Reappointment</u> 954 Custer St. Columbia, SC 29210 District 2 Executive Director Grace Academy CDC Small Business Owner	05/21/2013 10/20/2015	06/01/2013 11/01/2015	06/01/2015 11/30/2017
<u>Mills Snell- Seeking Reappointment</u> 822 Poinsettia Street Columbia, SC 29205 District 4 Partner Pendleton Street Advisors Small Business Owner	10/20/2015	11/01/2015	11/30/2017
<u>Dianne Rushing –Seeking Re-Appointment</u> 1530 Wyndham Road Columbia, SC 29205 District 4 President AOS Specialty Contractors, Inc. Licensed Commercial Contractor Attorney- Vacant	01/07/2014	01/07/2014	01/31/2016

Kathleen Abraham- Seeking Reappointment

114 W Killian Station Court
Columbia, SC 29229
WoodForest Bank
Banker

Gloria Saeed

Community Development Director
1125 Lady Street
Columbia, SC
City Representative



We Are Columbia

APPLICATION FOR BOARDS AND COMMISSIONS
CITY OF COLUMBIA
SOUTH CAROLINA

Board or Commission for which you are applying: Commercial Revolving Loan Fund				Area of knowledge as it pertains to this board/commission: Commercial/ Collections Law		
Your Name (Last, First Middle) Riddle, Jonathan Michael	Race W	Gender M	Age 38	County Richland	Council District: 3	
Residential Address 2508 Marling Dr.				City Columbia	State South Carolina	Zip Code 29204
Mailing Address				City	State South Carolina	Zip Code
Your Occupation – Title Associate Attorney				Business Phone (803)462-5006 Ext. 4213	Residence/Mobile Phone (803)237-5055	
Employer Name Stern & Eisenberg Southern P.C.				E-Mail Address jrriddle@sterneisenberg.com		
Employer Address 1709 Devonshire Dr.			City Columbia	State SC	Zip Code 29204	
Emergency Point of Contact Lauren Hamilton-Jackson			Relationship Girlfriend	Contact Number (864)314-6746		

GENERAL QUALIFICATIONS

Are you a resident of the city? How long? Recommended by:

Yes No

Yes, 10 years.

Why would you like to serve on this board or commission?

To use my knowledge to become a more active and engaged member of the Columbia community, particularly in an area that can help improve the business opportunities of fellow citizens.

Do you presently serve on any Commissions / Boards of the City / County / State? If so, please list.

No

Have you formerly served on any Commissions / Boards of the City / County / State? If so, please list.

No

Are you currently in a position of responsibility with an organization or board that has received or is seeking funding from the City of Columbia? If so, list the position and date.

No

Please list any Community Activities that you are involved in.

What are your goals and objectives if appointed to the Commission / Board?

To assist the city in proper management of small business funds; to network with other members of the business and legal community in the City; to improve the City by helping identify business ideas that will be a proper use of City funds with high potential for growth

If appointed I am eligible to serve on no more than one (1) board/commission with a maximum of two (2) terms. I understand that this application will be on file for no longer than two (2) years.

Signature

RETURN COMPLETED FORM TO:

City of Columbia
 ATTN: Ashley Jenkins
 Post Office Box 147
 Columbia, SC 29217
 Email: Ashley.Jenkins@columbiasc.gov

Date

FOR OFFICE USE ONLY

Received:	
Appointed to:	
Date Approved:	
Term Dates:	



We Are Columbia

MEETING DATE: June 18, 2019

DEPARTMENT: City Clerk

FROM: *Erika Moore, City Clerk*

SUBJECT: Accommodations & Hospitality Tax Committee
Recommendations for Fiscal Year 2019/2020

**FUNDING SOURCE &
ORIGINAL BUDGET:**

FOCUS AREAS: Connecting Our Community