

Council Work Session
January 13, 2020

The Work Session of City Council was held this date in City Hall Council Chambers at 5:00 pm to discuss Stormwater Infrastructure. In attendance were Mayor Terence Roberts, Mayor Pro Tem Stewart, Council Members Thompson, Harbin, Laughridge, Newton and Jeff Roberts. Councilmen Chapman and John Roberts were not present

Regular Meeting
January 13, 2020

The regular meeting of City Council was held this date in City Hall Council Chambers at 6:00 pm. In attendance were Mayor Terence Roberts, Mayor Pro Tem Stewart, Council Members Thompson, Harbin, Laughridge, Newton and Jeff Roberts. Councilmen Chapman and John Roberts were not present. Also in attendance were City Manager, David McCuen; Assistant City Manager, Andrew Strickland; Finance Director, Margot Martin; City Attorney, Frankie McClain; Public Works Director, Ken Mullinax; and Stormwater Director, Adam Cromer. The invocation was given by Council Member Thompson and respect to the flag was given by Councilman Laughridge.

SPECIAL PRESENTATION
Public Works Division – American Public Works Association
2019 Project of the Year Award

Public Works Director, Ken Mullinax said the American Public Works Association (APWA) South Carolina Upstate Branch recognized the City of Anderson's Public Work Division for the "Under the Bridge Clock Project" as their 2019 Public Works Project of the Year.

The APWA Project of the Year Award was established to promote excellence in the management and administration of public works projects by recognizing the teamwork demonstrated in completing a public works project.

Criteria used in the selection process included:

1. Use of good construction management techniques and completion of the project on schedule.
2. Safety performance and demonstrated awareness of the need for a good overall safety program during construction.
3. Community relations as evidenced by efforts to minimize public inconvenience due to construction, safety precautions to protect public lives and property.

4. Demonstrated awareness for the need to protect the environment during the project.
5. Unusual accomplishments under adverse conditions including, but not limited to age or condition of the facility, adverse weather, soil, or other site conditions over which there is no control.
6. Additional conditions deemed of importance to the public works agency, such as exceptional efforts to maintain quality control and, if value engineering is used, construction innovations as evidenced by time and/or money saving techniques developed and/or successfully utilized.

City employees from the following divisions contributed to the success of the project:
Public Works, Economic Development and Utilities

APPROVAL OF MINUTES

A motion by Councilman Newton seconded by Council Member Thompson carried unanimously (7-0) to approve the minutes of December 9, 2019 meeting as presented.

REQUEST SECOND READING OF ORDINANCE 20-01 AMENDING ARTICLE I OF CHAPTER 46 OF THE CITY CODE TO ADD REQUIREMENTS FOR FIRE PREVENTION AND PROTECTION AND THE ENFORCEMENT THEREOF

City Manager, David McCuen said Pursuant to Section 22-31 of the Anderson City Code, the City has adopted the International Fire Code. In addition, Chapter 46 of the Code provides for requirements for fire prevention and protection. In order to specify requirements for fire prevention and protection and to improve the enforcement of the requirements, it is the desire of the City of Anderson to amend Chapter 46. Council passed the ordinance on First Reading at the December 9, 2019 meeting.

The City will benefit by ensuring its fire insurance rating and by facilitating reimbursement for the cost of inspections.

A motion by Councilman Harbin seconded by Councilman Laughridge carried unanimously (7-0) to approve Ordinance 20-01 amending Article I of Chapter 46 of the City Code to add requirements for fire prevention and protection and the enforcement thereof on Second Reading.

REQUEST CONSIDERATION OF TWO PROPOSALS FOR PROFESSIONAL ENGINEERING SERVICES REGARDING SOUTH MURRY AVENUE/SOUTH TOWERS STREET STORMWATER IMPROVEMENTS

Stormwater Director, Adam Cromer said the City was notified in February 2019 of a sinkhole along the rear of the building of 512 South Murray Avenue (commonly referred to as Mac's Tire). After researching the history of the failing pipe, it was determined that the pipe is part of a stormwater drainage system that was built circa 1914 by the City as part of a railroad spur expansion. The City contracted with Davis & Floyd to prepare an engineering study of the possible repair options. At the conclusion of the study, it was determined that the best option was to reroute the section of failing pipe to a location outside of the building footprint. Since initial discovery of the sinkhole, others have formed and continue to grow along a side line on the adjoining property.

This phase of the project involves design of the relocation and replacement of the affected portion of the drainage system, which will be performed by Davis & Floyd. Additionally, Schnabel Engineering will be contracted to evaluate the existing Mac's Tire building foundation (exposed by the pipe failure) and develop remediation plans for long-term stabilization of the building.

Firm	Lump Sum Amount	Not to Exceed Amounts / Budget Amounts	Total Maximum Amount
Davis & Floyd	\$84,500	\$34,000	\$118,500
Schnabel Engineering	\$100,000	\$20,000	\$120,000

The contracts for this project include both lump sum items and not to exceed or budgetary items.

Moving forward with this project will provide increased safety along the drainage system and the replacement of failing drainage infrastructure.

Funding for this project will be from the Stormwater Fund.

Public Works Staff have reviewed and negotiated the deliverables and fees in the proposed contracts. Staff recommends the approval of engineering contracts with Davis & Floyd and Schnabel Engineering in the total amount not to exceed \$238,500.

Councilman Jeff Roberts noted that this is a very risky and difficult project, only few Engineering Firms could perform these improvements. He said by making these improvements it will help build and strengthen our stormwater system going forward. Mr. Roberts also stressed that the City should not allow buildings to be developed over stormwater system in the future.

A motion by Councilman Jeff Roberts seconded by Council Member Thompson carried unanimously (7-0) to approve engineering contracts with Davis & Floyd and Schnabel Engineering in the total amount not to exceed \$238,500 regarding South Murray Avenue/South Towers Street Stormwater Improvement.

**REQUEST CONSIDERATION OF EXPENDITURES TO RECONSTRUCT POPLAR LANE/LITTLE CREEK
STORMWATER DRAINAGE SYSTEM**

Stormwater Director, Adam Cromer said the piped system scheduled for replacement is a stormwater line that was converted from open channel stream flow to a piped system several decades ago. Over the last several years, multiple sinkholes have formed and continue to grow along the entire length of the drainage system.

This project involves the replacement of a drainage system consisting of approximately 1,840 LF of failing 24" to 60" corrugated metal stormwater pipe with high density polyethylene pipe (HDPE) using traditional dig and replace methods. The expected materials cost to complete the project is \$293,468. By completing this project with City Crews, we expect to realize a savings of approximately \$372,000.

The project was based on pricing provided by vendors and/or recent expenditures made for the various required materials. To ensure we obtained the best solution, staff explored several possible options for the 820ft of 60" pipe in lieu of dig and replace.

The first alternate considered for the 60" pipe section was the Advanced Drainage Systems (ADS) HDPE slip-lining product. Representatives from ADS investigated the pipe and determined this was not an option.

The second option explored for the 60" pipe section was a proprietary geopolymer lining. The quote provided for this method was \$719,300.

The third option considered for the 60" pipe section was spin-cast lining. After visiting the site, product representatives provided a cost estimate of \$279,100.

Based on these findings, traditional dig and replace methods will be the most cost-effective solution.

Moving forward with this project will provide increased safety along the Poplar Lane median and along the piped section of Little Creek, and replace failing drainage infrastructure.

Funding for this project will be from the Stormwater Fund.

Staff recommends the approval of expenditures in the amount not to exceed \$293,468 for materials.

A motion by Councilman Laughridge seconded by Mayor Pro Tem Stewart carried unanimously (7-0) to approve expenditures in the amount not to exceed \$293,468 for materials to reconstruct Poplar Lane/Little Creek Stormwater Drainage System.

REQUEST CONSIDERATION OF A CONTRACT WITH WOOLPERT FOR SMS4 COMPLIANCE AND
NPDES PERMIT ASSISTANCE

Stormwater Director, Adam Cromer said the City of Anderson has a permit from the SC Department of Health and Environmental Control (DHEC). This permit (South Carolina NPDES General Permit for Stormwater Discharges from Regulated Small Municipal Storm Sewer Systems (SMS4), regulates the stormwater discharge into the City's drainage basins. The purpose of the TMDL (Total Maximum Daily Load) monitoring requirements is to improve water quality conditions in the drainage basins as per the requirements in the DHEC permit.

As per DHEC regulations, in 2014, the City developed TMDL monitoring and assessment plans for the Rocky River and Big Generostee Creek watersheds. The plans provide in-stream monitoring strategies to characterize the quality and quantity of stormwater discharges, and are designed to evaluate improvement plans for identified pollutants. For the past four years, the City has conducted in-stream monitoring of stormwater runoff in the Rocky River and Big Generostee Creek watersheds. The plan and the implementation of the plan means that the City must continue sampling stormwater runoff during storm events and dry weather conditions throughout the year.

This year is continuation of the TMDL monitoring and implementation. Woolpert, Inc. has assisted previously with these regulatory requirements. Woolpert, Inc. was selected during the RFQ process for on-call engineering services. The proposed contract is in the amount of \$28,000. The scope of services below will meet SCDHEC permit requirements and the federally mandated component of the City's stormwater program.

The City is required to report on the progress of its TMDL monitoring and assessment program annually to DHEC. The scope of services for this project include:

1. The continued collection and analysis of grab samples collected from two predetermined locations: at the confluence of Cox Creek and Bailey Creek in the Rocky River watershed, and near the confluence of Whitner Creek and Dye Creek in the Big Generostee Creek watershed (joint project/shared costs with Anderson County),
2. Maintenance of instruments, telemetry, turbidity and pressure transducer sensors at the Cox Creek monitoring station (joint project/shared costs with Anderson County),
3. General NPDES SMS4 permit compliance services (up to 40 hours),
4. Reviewing/negotiating with SC DHEC on the draft SMS4 permit when issued for public comment by SC DHEC (up to 24 hours).

This contract will be funded by the Stormwater Budget

The staff recommends approval of the Professional Services Agreement with Woolpert, Inc. in the amount of \$28,000.

A motion by Councilman Harbin seconded by Councilman Laughridge carried unanimously (7-0) to approve a Professional Services Agreement with Woolpert, Inc. in the amount of \$28,000 for SMS4 Compliance and NPDES Permit Assistance.

ADMINISTRATIVE BRIEFING

QUARTERLY REPORTS

City Manager, David McCuen asked Council to review the Quarterly Progress Report included in the Council Packet.

UPCOMING EVENTS

City Manager, David McCuen reminded Council of the following upcoming events and meetings in January 2020.

January 16th – Southeast Anderson Task Force

January 16th – Anderson County Municipal Association Meeting

January 17th – Martin Luther King Breakfast

January 20th – City Offices Closed for Martin Luther King's Birthday

January 21st – Westside Community Coalition

January 23rd – Concerned Citizens of Eastside

EXECUTIVE SESSION

A motion by Councilman Harbin seconded by Council Member Thompson carried unanimously (7-0) to move into Executive Session:

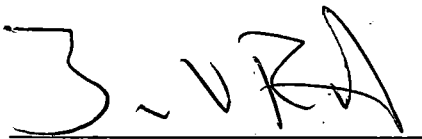
Section 30-4-70(a)(5) – Discussion of matters relating to the proposed location, expansion, or the provision of services encouraging location or expansion of industries or other business in the area served by the public body.

A motion by Councilman Laughridge seconded by Councilman Harbin carried unanimously (7-0) to move out of Executive Session.


ADJOURNMENT

A motion by Councilman Newton seconded by Council Member Thompson carried unanimously (7-0) to adjourn.

ATTEST:



Terence V. Roberts
Mayor



Margot B. Martin
City Clerk Treasurer