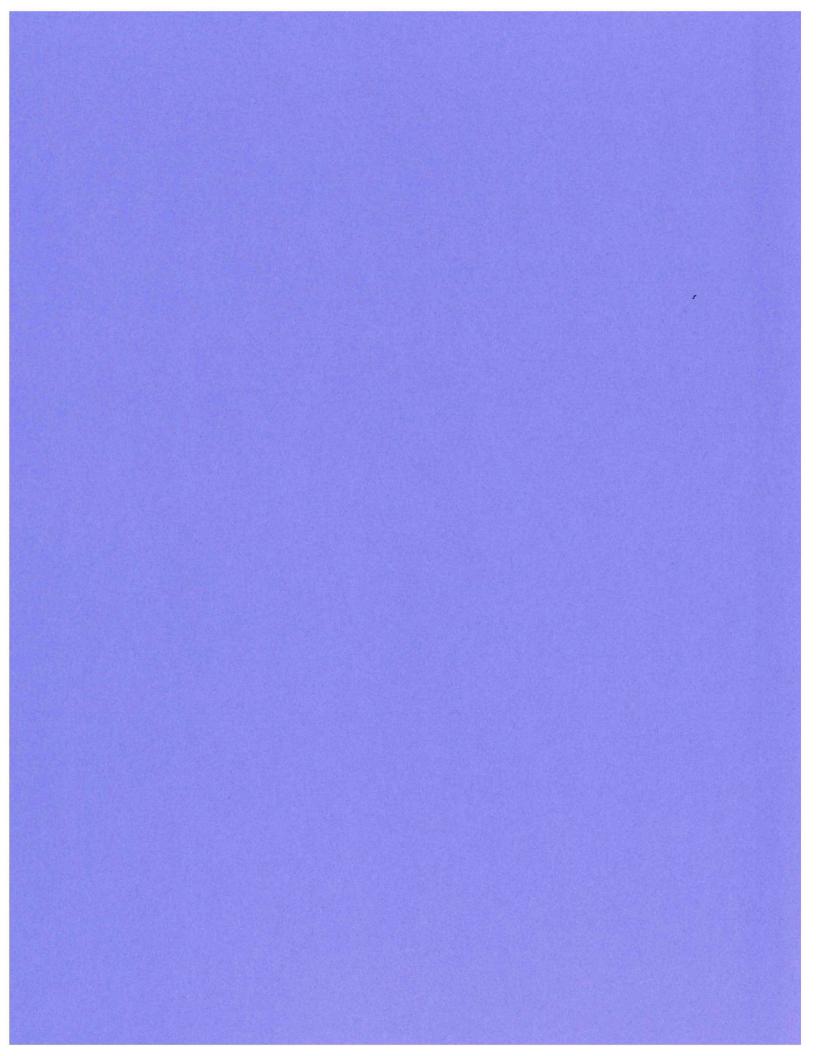


# AGENDA LAURENS COUNTY COUNCIL JULY 25, 2017 – 5:30 P.M. HISTORIC COURTHOUSE – PUBLIC SQUARE

- 1. Call to Order
- 2. Invocation Councilwoman Anderson Pledge of Allegiance
- 3. Approval of Agenda July 25, 2017
  - a) Approval of Minutes July 11, 2017 Regular Session
- 4. Reports To Council:
- 5. Old Business:
  - a.) Public Hearing, Ordinance #836, Repeals Ordinance #695 on Cell Towers Rob Russian, Public Works Director
    - 1.) Third Reading, Ordinance #836, Repeals Ordinance #695 on Cell Towers
  - b.) Telephone Audit Billy Wilson, Procurement/Vehicle Maintenance Superintendent
  - c.) Energy Efficiency Study Rob Russian, Public Works Director
- 6. New Business:
  - a.) Amending, Procurement Card Policy Lisa Kirk, Finance Director
  - b.) Fire Fund Grants Greg Lindley, Fire Service Director
  - c.) Review of Courthouse Annex Insulation
- 7. Public Comment Fifteen (15) Minute Period for Public Comment (Required to sign in prior to the meeting)
- 8. County Council Comments
- 9. Executive Session Contractual Matter



# EST. 1785

#### **MINUTES**

# LAURENS COUNTY COUNCIL JULY 11, 2017 LAURENS COUNTY COUNCIL HISTORIC COURTHOUSE – COUNCIL CHAMBERS

<u>ATTENDANCE</u>: <u>COUNCIL MEMBERS PRESENT</u>- County Council Chairman Joe Wood and County Council Members: Diane Anderson, Garrett McDaniel, Ted Nash and Stewart Jones.

<u>COUNCIL MEMBERS ABSENT:</u> Vice Chairman Tollison (work out of state); Councilman Pitts (work related out of town).

<u>COUNTY STAFF:</u> Laurens County Clerk to Council, Betty Walsh and Laurens County Attorney, Sandy Cruickshanks.

**STAFF ABSENT**: Laurens County Administrator, Jon Caime.

<u>DEPARTMENT HEADS PRESENT:</u> Rob Russian, Director of Public Works; Matt Pennington, EMS Director; Joey Avery, E-911/Communications Director; Greg Lindley, Fire Service Director; Cathy Tucker, Detention Center Administrator; Lisa Kirk, Finance Director; Debi Parker, Human Resources Manager; Billy Wilson, Vehicle Maintenance/Procurement Officer and Nick Nichols, Coroner.

<u>PRESS:</u> Vic MacDonald, *The Clinton Chronicle*; Billy Dunlap, GoLaurens.com; Iva Cadmus, WLBG Radio and John Clayton, *The Laurens County Advertiser*.

PUBLIC COMMENT SIGN-UPS – No one had signed up to address Council.

<u>SCHEDULED MEETING AGENDA ITEMS – JULY 11, 2017</u> – 1.) Call to Order; 2.) Invocation – Councilman Pitts; 3.) Pledge of Allegiance; 4.) Approval of Agenda July 11, 2017; 5.) Approval of Minutes May 9, 2017 and June 13, 2-17;

- 6.) Reports to Council: a.) FY 17 Month #11 Report Finance Director Lisa Kirk;
- 7.) Old Business: Hunter Industrial Park Signage; Public Hearing Ordinance #835- FY18 Fire Budget Ordinance; Third Reading Ordinance #835- FY18 Fire Budget Ordinance;
- 8.) New Business: FOIA Policy Approval; Airport Part Time Position Request; LEMPG Grant Approval; FY17 18 Continuance Resolution #2017-12; Ekom Volunteer Fire Department reimbursement request for base radio;
- 9.) Public Comment Fifteen (15) Minute Period for Public Comment; 10.) County Council Comments; 11.) Adjournment.

<u>MEETING NOTIFICATION</u> – The requesting general public and Press were informed of the meeting in a timely manner. Postings of the Agenda were posted in County facilities on their bulletin boards and also posted on the County Web Site.

<u>CALL TO ORDER</u> – Chairman Wood called the meeting to order at 5:30 P.M. and invited all to stand for the Pledge of Allegiance and prayer.

<u>INVOCATION</u> – Chairman Wood provided the invocation.

<u>PLEDGE OF ALLEGIANCE</u> – The Pledge of Allegiance was conducted by all.

<u>APPROVAL OF AGENDA</u> – Chairman Wood called for approval of the July 11, 2017 agenda inclusive of any additions or deletions.

COUNCILMAN JONES made the MOTION to approve the agenda with COUNCILMAN MCDANIEL SECONDING; VOTE 5-0.

<u>APPROVAL OF MINUTES</u> – COUNCILMAN NASH made the MOTION to approve the minutes from the May 23, 2017 meeting with COUNCILMAN MCDANIEL SECONDING; VOTE 5-0.

COUNCILWOMAN ANDERSON made the MOTION to approve the minutes from the June 27, 2017 meeting with COUNCILAMN JONESS SECONDING; VOTE 5-0.

# **REPORTS TO COUNCIL:**

a.) <u>TELEPHONE AUDIT UPDATE</u> – Billy Wilson, Superintendent of Vehicle Maintenance/County Procurement introduced Mr. Jon Celiba of Spyglass as the agency conducting the audit.

As an introductory, Mr. Celiba said, "We are a telecommunications data service that audits all records for all communication devices and services. Our intent is to provide a service that will bring dollars back to the County. This is really a two phase process where we develop an inventory of all services used by the County; compare the inventory with contracts and provide out recommendations to the County to move forward with cost reductions".

Chairman Wood asked what was their present status with the audit. Mr. Celiba replied that they were almost half way there and have copies of records from mall carriers and making test calls. Once completed the audit will be revealed with retroactive credits being provided.

Councilwoman Anderson asked what other entities in South Carolina he had provided his services to. Mr. Celiba replied that he is only one of several groups within South Carolina and that he was not certain as to whom all had contracted their services.

Councilwoman Anderson asked from the previous contracts, what was their percentage of returns. Mr. Celiba replied thirty to fifty percent savings.

Chairman Wood asked who had authorized these services? Mr. Wilson replied that Mr. Caime had implemented this service.

Chairman Wood asked why Council had not been advised of this service being conducted since it appears to involve a lot of money? Mr. Wilson replied that there are no dollar figures involved and that he understood that the fee for the service was a percentage of the costs being made evident and saved.

County Attorney Cruickshanks asked if there was a signed contract. Mr. Celiba replied that there was not.

Below is a copy of the information provided to Council as part of their agenda package:

# **Executive Summary**

The SpyGlass Group, Inc. was hired by The County of Laurens to perform an independent audit and analysis of its voice, data, internet and wireless services for all of its locations. During the course of this audit, we performed the following work:

- Met with county personnel to (a) identify the telecommunications and internet services that are in use by the County of Laurens and the outside companies providing such services, and (b) gather copies of bills, contracts, and other necessary materials for the audit.
- Developed a set of inventories of all services that are being billed by County of Laurens various telecommunications providers for each physical location involved with the audit.
- Compared the completed inventory with services currently in operational use by County of Laurens for purposes of identifying unnecessary and/or under-utilized services.
- Performed a scalability analysis on the services being provided based on County of Laurens intended use of the services and its number of users.
- Compared the completed inventory with current contracts and tariffs for the purpose of identifying inconsistencies that could result in retroactive recoveries.
- Compared the billed rates of all services with current market-competitive rates for the purpose
  of identifying opportunities for savings opportunities unrelated to service elimination.
- Researched and developed recommendations for Laurens County to cut costs going forward.

b.) <u>CHUCK BOBO, CODES OFFICER – QUARTERLY REPORT ON PERMIT ACTIVITY –</u> Mr. Bobo presented the following data and reviewed with Council:

data on the following page

04/01/2017 - 06/30/2017			
	Permits Issued	Valuation	Fees Paid
Commercial			
Alteration	12	\$812,944.00	\$3,392.70
Misc./One Stop	13	\$77,818.00	\$1,122.00
New	10	\$692,241.80	\$4,539.50
Subtotal	35	\$1,583,003.80	\$9,054.20
One Stop			
Misc./One Stop	74	\$432,358.23	\$5,930.80
Subtotal	74	\$432,358.23	\$5,930.80
Residential			
Alteration	58	\$602,587.00	\$7,822.80
Misc./One Stop	303	\$2,078,850.44	\$28,359.80
New	80	\$5,602,232.90	\$31,569.85
Subtotal	441	\$8,283,670.34	\$67,752.45
Total	550	\$10,299,032.37	\$82,737.45
Mobile Home set-up permits New	34	\$1,415,086.36	\$11,574.50
Mobile Home set-up permits Pre- owned	12	\$66,400.00	\$3,182.50
Single Family Dwelling	31	\$4,528,596.50	\$23,430.78
New Commercial	5	\$561,950.00	\$3,060.00
Code Enforcement			
New Cases 2nd Q	31		
New cases 1fst Q	53		
2017 Active Cases	80		
2016 Active Cases	106		
2015 Active Cases	111		
2014 (Aug- Dec) Active Cases	15		
Inspection results			
Passed	749		
Failed	229		
Total	978		

2nd Quarter	Number Residential	Value	Number	Value	Total	Total value		Total
	Single Family		Commercial New		Permits Issued		)	Permits Fees
2002	80	\$ 4,395,820.00	24	\$ 240,061.00	787	\$ 13,427,046.00	\$	89,092.00
2003	36	\$ 4,927,404.00	5	\$ 875,000.00	716	\$ 13,045,928.00	\$	82,323.00
2004	26	\$ 3,335,533.00	2	\$ 256,000.00	765	\$ 10,883,945.00	\$	92,735.00
2005	38	\$ 5,617,579.00	5	\$ 4,196,273.00	678	\$ 16,061,017.00	\$	89,844.00
2006	24	\$ 3,392,475.00	2	\$ 39,800.00	612	\$ 8,804,347.00	\$	60,650.00
2007	47	\$ 6,384,562.00	5	\$ 846,991.00	678	\$ 13,012,756.00	\$	83,518.00
2008	45	\$ 6,005,656.00	8	\$ 1,747,386.00	669	\$ 12,718,435.00	\$	73,016.00
2009	21	\$ 3,923,141.00	3	\$ 44,350.00	667	\$ 8,813,407.00	\$	62,199.00
2010	15	\$ 2,000,432.00	6	\$ 1,100,015.00	653	\$ 7,776,564.00	\$	55,177.00
2011	16	\$ 3,492,226.00	6	\$ 322,143.00	794	\$ 34,768,808.00	\$	62,538.00
2012	10	\$ 1,235,070.00	5	\$ 1,515,500.00	522	\$ 8,921,806.00	\$	42,236.00
2013	16	\$ 2,312,842.00	10	\$ 10,591,249.00	585	\$ 19,690,460.00	\$	76,033.00
2014	22	\$ 3,274,244.00	4	\$ 8,784,233.00	564	\$ 45,812,648.00	\$	131,786.00
2015	27	\$ 3,980,452.99	10	\$ 116,640.00	620	\$ 8,449,322.53	\$	55,235.29
2016	30	\$ 4,644,690.00	16	\$ 7,158,016.00	419	\$ 17,261,544.32	\$	108,997.89
2017	31	\$ 4,528,596.50	5	\$ 561,950.00	551	\$ 10,299,032.37	\$	82,812.45

City of Laurens	11	No Data
City of Clinton	No new starts	
Fountain Inn		
Tucker Branch	9	\$225,000 to \$233,000
Fountain Brook	14	\$136,000 to \$139,500
PineHaven	20	\$93,000 to \$121,500
Total	43	

#### **OLD BUSINESS:**

- a.) <u>FIRE CONTRACTS FOUNTAIN INN AND CLINTON</u> Mr. Greg Lindley, Director of Fire Services, introduced the Fire Chiefs for Fountain Inn and the City of Clinton and proceeded to advise Council of the proposed budget requests.
  - Fountain Inn Fire Department Term of Contract is July 1, 2017 through June 30, 2018 \$205,493.65

Chief Ronnie Meyers explained that their increase this year was largely involving catching up with the hiring and the economy.

- City of Clinton Fire Department - Term of Contract is July 1, 2017 through June 30, 2018 - \$283,940.00.

Mr. Robin Morse explained that their increase was due to the time spent on the fire call volume increase outside the City.

Councilman Jones asked why the call volume was up. Mr. Morse replied that there has been more calls from along the seventeen miles of interstate as well as medical calls.

<u>PUBLIC COMMENT</u> – Mrs. Walsh noted that no one had signed up to address Council.

# **COUNTY COUNCIL COMMENTS:**

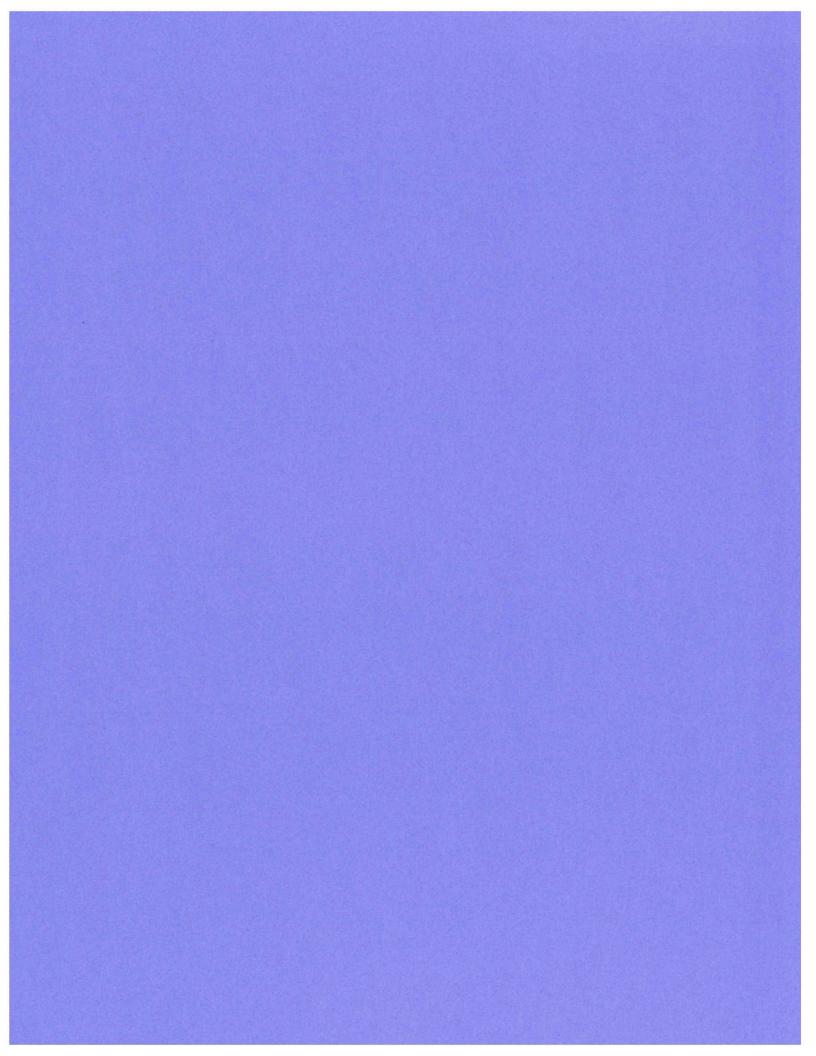
- Councilman Jones stated that he was going to continue to fight to keep the taxes low and the costs of county government down.
- Councilman Nash expressed his thankfulness for the county employees.
- Chairman Wood addressed the present working budget by saying, "This budget does have a tax increase. The unfunded mandates from the State are largely at fault for this. It will take five members of Council to pass this budget that is going to be a hard task to do as it is. This is the first time in my tenure on Council to not have a budget passed by July 1st.".

**ADJOURNMENT** – The meeting was adjourned at 6:07 P.M.

Respectfully Submitted,

Betty C. Walsh, Interim Clerk of Council

Laurens County, South Carolina





# AGENDA ITEM - REQUEST SHEET - COUNTY COUNCIL

ALL REQUESTS should be submitted by 1:00 P.M. on the Wednesday prior to the Tuesday meeting of Council. All other requests not submitted by the deadline will be retained and scheduled for the next meeting of Council

DATE OF REQUEST: July 14 , 2017 (FOR JULY 25, 2017 COUNTY COU	NCIL MEETING)
DEPARTMENT / AGENCY: Planning Commission / Public Works /	Building Codes / Assessor
NAME: Kay Weeks / Robert Russian	
ADDRESS:	
CITY:STAT	E:ZIP:
PHONE NUMBER: EMAIL:	
SIGNATURE: 1202172.	
SUBJECT MATTER REQUESTED (please be as specific as possible):	
SEE THE ATTACHED PROPOSED ORDINANCE 836 TO REPEAL ANI REGULATIONS FOR TOWERS IN LAURENS COUNTY.	D REPLACE ORDINANCE 695 AND PROVIDE NEW
STAFF RECOMMENDS PUBLIC HEARING AND THIRD READING AI	PPROVAL OF ORDINANCE 836.
FINANCIAL AMOUNT REQUESTED: <u>\$</u>	
SOURCE OF FUNDING:	
(PLEASE – attach subject matter docu	ument pages as necessary)
FOR OFFICE US	SE ONLY
REQUEST ASSIGNED TO:	DATE RECEIVED:
DATE OF ASSIGNMENT:	DATE OF AGENDA:
DATE RESPONSE DUE:	-
COUNCIL ACTION:	

STATE OF SOUTH CAROLI	NA )	
	)	ORDINANCE #836
COUNTY OF LAURENS	)	

# AN ORDINANCE TO REPEAL AND REPLACE ORDINANCE 695 AND TO PROVIDE NEW REGULATIONS FOR COMMUNICATION TOWERS LOCATED IN LAURENS COUNTY

WHEREAS, the Laurens County Council desires to replace Ordinance 695 and enact certain regulations which will permit the placement of towers and antennae in locations which will allow telecommunication services to be rendered in conformity with the authority in the Federal Telecommunications Act of 1996, and:

WHEREAS, The County of Laurens finds that rapid development of this technology is in the public interest. The County Council desires to enact regulations and other changes in public policy which will allow such services to be rendered in conformity with the Federal Telecommunications Act of 1996, and the goals of their respective comprehensive plans to serve and protect the public health, safety, convenience, order, appearance, prosperity, and general welfare pursuant to the South Carolina Code of Laws (1976) as amended. The County Council further finds that deployment of new wireless technologies requires a careful balancing of the public and private costs and benefits. It understands that this ordinance must be flexible and responsive to changes in the industry, which may require future revisions.

WHEREAS, the expansion of wireless communication technology has produced an increased need for antennae and the towers to support them. The purpose of the Federal Telecommunications Act of 1996 is "To promote competition and reduce regulation in order to secure lower prices and higher quality services for American telecommunication consumers and encourage the rapid deployment of new telecommunications technologies."

WHEREAS, by the provisions therein and pursuant to the powers vested in the Laurens County Council, certain amendments are necessary for the continued enforcement of the provisions of said Ordinance, and;

WHEREAS, Laurens County Council finds it appropriate and necessary to rescind and replace Ordinance 695 so as to clarify and further enhance its original intentions and objectives, and;

WHEREAS, Laurens County Council, pursuant to the authority granted by the Constitution of the State of South Carolina and the General Assembly of the State, hereby rescinds and replaces Ordinance 695 as set forth herein. This amending ordinance shall take effect upon three readings and a public hearing as required by state law.

**NOW THEREFORE BE IT ORDAINED** by the Governing Body of Laurens Council in Council duly assembled, that the following provisions:

#### **SECTION 1**

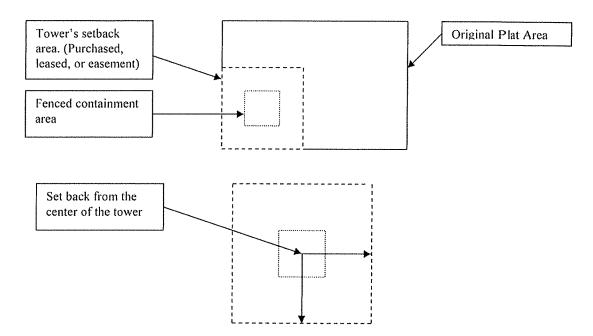
#### **DEFINITIONS**

- "Antenna" means a device, dish or array used to transmit or receive telecommunication signals.
- "Co-location" means the use of an existing tower or structure to support an antenna for the provision of wireless services.
- "Commission" means the Laurens County Planning Commission.
- "Tower" is a structure more than sixty (60) feet tall used primarily for the support of one or more antennae erected on the ground or a similar structure more than twenty (20) feet tall erected on a building. The height of the tower shall include any antenna that extends above the top of the tower.
- "Communications Antenna" are antennas that deal in the transmission and reception of radio waves operated by a communications provider.
- "Communications Provider" is any entity required to be licensed by the FCC.
- "Small Cell" are small, low-powered wireless facilities, consisting of a transmit-receive antenna that communicates with wireless devices, a wireless backhaul antenna that connects the facility to the carrier's core network, and compact radio equipment mounted on either new or existing utility or light poles. These Small Cells add coverage and capacity to the existing wireless networks, and are designed to blend with existing infrastructure.
- "Planning Commission" is the Laurens County Planning Commission
- <u>"Stealth Tower"</u> is a tower designed and installed in a manner such that the antenna supporting apparatus and associated structures are aesthetically and architecturally appropriate with regards to an existing structure or immediate environment in which the tower is located. Examples include without limitation, church steeples, bell towers, flag poles, etc.
- "Telecommunication" means the transmission between or among point specified by the user of information without change in the form or content of the information as sent and received.

#### SECTION 2 GENERAL REQUIREMENTS

- a.) General requirements for all structures are applicable to towers. All applicable health, nuisance, noise, fire, building, and safety code requirements shall apply in addition to the conditions of this ordinance. Regulations covering visibility, fencing, screening, landscaping, parking, access, lot size, exterior illumination, sign, storage, and all other general development standards regulations except those specifically superseded by this section shall apply to the use.
- b.) No antenna or tower shall be erected, constructed, maintained, or operated except in conformance with the regulations set forth in this ordinance.

- a.) A tower shall be reviewed by the Laurens County Planning Commission upon determination that all of the applicable conditions in this section are met.
- b.) Structures less than sixty feet in height shall comply with the applicable portions of Section 4 of this ordinance.
- c.) If the applicant proposes to establish a new tower within 2,500-feet of an existing tower the applicant shall submit a statement and technical data to support that each such tower does not meet applicant's structural specifications or technical design requirements, or that space on such other tower is not available at fair market value.
- d.) The location for a new tower to be established at a site on which the communications provider has no existing facilities shall not be placed in a residential area/district until the applicant has demonstrated that higher priority locations, are unsuitable for operation of the facility under FCC regulations or applicant requirements (including timing, leasing or valid technical requirements) or are not available at fair market value.
- e.) The Applicant shall design any new tower to accommodate its own present and projected future needs as well as a reasonable projection of two other comparable user's needs. Any unused tower space, not reserved for the applicants own use, shall be made available at fair market value. Unused tower space does not have to be offered to other parties whose proposed use is likely to technically or mechanically interfere with the existing users of said tower.
- f.) Towers shall be a blending color such as light Gray, unless required to be painted otherwise by the Federal Aviation Administration. Properly maintained unpainted galvanized steel color shall meet this condition.
- g.) All newly constructed towers must meet the seismic and wind load standards as prescribed in the latest adopted International Building Code. The designs shall be stamped drawings submitted by a licensed S.C. design professional in accordance with ANSI/EIA/TIA-222 (latest revision).
- h.) The proposed installation shall meet all applicable FCC and FAA rules and shall be operated in accordance therewith. No equipment using a tower subject to this ordinance shall interfere with operation of any radio equipment operated at a fixed site by the county or any other entity so long as the County or any such entity is operating within the proper frequency range.
- i.) The Planning Commission may consider the visual impact of a tower on those properties which are officially designated as scenic, historic, or architecturally significant in making its decisions.
- j.) Setbacks In order to provide and maintain all setback requirements, all of the required setback area must be purchased leased or be recorded as an easement by the tower owner. The minimum setback shall be equal to half of the tower's height or the height from the ground to the first-to-yield point of the tower. The longer of the two setbacks must be used.
  - 1.) For the purpose of measuring the applicable setback, distance measurements on monopole and guyed towers will be made from the center point of the *tower* footprint. Distance measurements on lattice towers will be made from the legs of the lattice tower.
  - 2.) The height of the tower shall be the distance from the base of the tower to the top of the tower structure.



- k.) A single sign, approximately two (2) square feet in size, shall be placed in a visible location on or near the tower identifying the owner, the street address and owners identification code of the tower and an all-hours emergency telephone number. The sign shall also identify other users of the tower.
- 1.) Towers and associated buildings shall be secured from unauthorized access.
- m.) Screening The purpose of this subsection is to establish control for the visual quality of towers from the ground level. A tower, as pertains to this subsection, includes the tower and the land and everything within the required security fencing including any other building and equipment.
  - 1.) The screen shall be a minimum radius of ten (10) feet of land surrounding the tower, which shall support an appropriate plant material screen continuously around the tower except for one service access.
  - 2.) An appropriate plant material screen shall be evergreen plants of a quality and planted in accordance with the standards of the Planning Commission latest approved list from Clemson Extension or S.C. State forestry Commission that are indigenous or native to the County area. Such plantings shall be appropriately spaced and of such a size so as to achieve a dense screen with a minimum height of six (6) feet within a three (3) year period from erection of a tower. These are the minimum standards. Additional screening with deciduous or evergreen trees is desirable and encouraged.
  - 3.) Existing trees shall be preserved in the maximum degree possible.
  - 4.) If in extreme or unusual situations where it is proven impossible to properly construct the plant material screen, the County Building Official may grant permission to construct the security fence as a solid masonry wall, either brick or stucco-type finish with a minimum height of six (6) feet above ground level and constructed in accordance with applicable construction codes.

# SECTION 4 APPLICATION REQUIRED

Any person desiring to obtain a permit for construction of a tower shall file an application and fee with the County Building Codes Office. Said application shall include the following information and/or documents:

- a.) A copy of FCC form 854, Application for Antenna Structure Registration, or the same information in a similar format if the tower is not subject to FCC registration. Any information on said form may be referenced on other documents.
- b.) The application fees for construction of a tower or adding an antenna to an existing tower, not including building and other permit fees, shall be set and adjusted from time to time by County Council.
- c.) Complete plans and specifications for the proposed tower including foundation, wind and ice loading, antennae and appurtenances and any accessory buildings as required by the building code. The designs shall be stamped drawings submitted by a licensed S.C. design professional in accordance with ANSI/EIA/TIA-222 (latest revision).
- d.) A site plan showing property boundaries, required setbacks, existing structures, latitude and longitude, and adjacent property. The site plan shall also indicate the proposed tower location, site elevation, tower height, guy anchors, driveway and parking, fencing and landscaping.
- e.) A list of other users of the proposed tower.
- f.) Written, notarized authorization or contract from the owner of the site, if the applicant is not the property owner.
- g.) A copy of the FCC license or other evidence of FCC approval of the proposed installation. If applicant has not applied for FCC license(s), applicant shall indicate what service(s) are to be provided by reference to FCC designations. If no FCC license is required, applicant shall indicate the purpose of the tower.
- h.) Prior to County site inspection, the site location of the tower must be clearly identified at the road entrance. The tower construction site shall be marked for setback verification. Proper access to the site shall be provided.
- i.) A checklist covering applicable conditions in Section 3 above, including documentation.

### SECTION 5 APPEALS

The Laurens County Planning Commission shall hear and decide appeals in matters as specified by this Ordinance. Whenever in the opinion of the Commission, the strict application of the requirements contained in these regulations would result in substantial or excessive difficulties and hardships or injustices, the Commission may modify such requirements, providing that the public interests of the County and its citizens are protected and the general intent and spirit of these regulations are preserved. Any person aggrieved by a decision of the Commission may appeal that decision before the Court of Common Pleas

## SECTION 6 APPLICABILITY

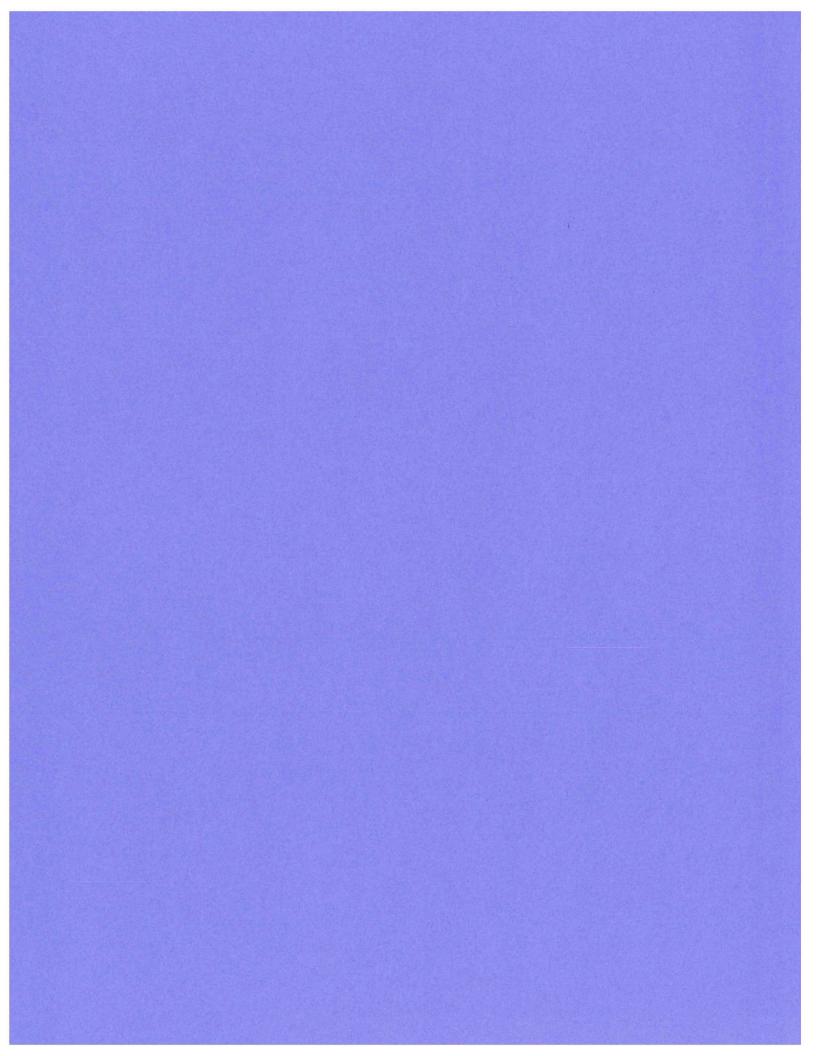
a.) A tower shall not be allowed unless it is used to support operating antennae or is itself an antenna. If any tower is not used for a period of more than 90 days, then upon notice in writing given to the owner or his agent by the Planning Commission or the County Building Official stating that the tower must be removed if use is not resumed within 180 days of such notice, provided that for any tower on which antenna(e) have been installed in preparation for offering a new service, the total time allowed by this subsection shall be one year. The Planning Commission may grant additional time

### SECTION 7 GENERAL

- a.) NOTICE OF VIOLATION It shall be the duty of the Laurens County Office of Building Codes, or its designee (as designed by Laurens County Council) to serve, or cause to be served, a notice upon the owner or occupant of any property, who has permitted a violation of this Ordinance. Such notice shall demand abatement within sixty (60) days of service."
- b.) ENFORCEMENT OF NOTICE It shall be the duty of the Codes Enforcement Officer, to enforce the provisions of this chapter. Notice of violation shall be issued to any property owner in violation of any provision contained herein this chapter. Such notice shall be directed to the property owner ordering him and requiring him within a reasonable and specified time to abate or correct the violation. If a person served with notice of a violation does not abate the violation within sixty (60) days after service, the County may seek a court order to compel the owner or occupier to abate the violation. The penalty for each violation of this Ordinance shall be punishable by a civil fine of not more than two hundred dollars (\$200). Each day any violation of this Ordinance continues shall constitute a separate offense.
- c.) <u>LIEN IMPOSED</u> The charge for compelling the owner or occupier to abate the violation or for the County's abatement of the violation shall constitute a lien upon the property. The County Building Codes Official, with the knowledge of the County Administrator shall send, or cause to be sent, a bill for such charges to the owner or occupier of the property. The County Administrator shall also file a statement of the lien against the owner of the property in the office of the County Clerk of Court. Such lien shall be indexed in the mortgage books, as maintained from time to time for the County, and the statement shall contain the following: a legal description of the property; a statement of the violation of this Ordinance; the date of the County's action for abatement; the expenses and costs incurred, including attorney fees, for the abatement proceedings; and a statement that the costs and expenses ascertained shall bear interest at the statutory legal rate.
- d.) <u>SEPARABILITY AND VALIDITY</u> Should any section, paragraph, clause, phrase or provision of this Ordinance be adjudged invalid or held unconstitutional by a court of competent jurisdiction, such declaration shall not affect the validity of the Ordinance as a whole or any part or provision thereof, other than the part so decided to be invalid or unconstitutional.
- e.) <u>CONFLICTING ORDINANCES</u> This Ordinance may be amended or modified from time to time, provided, however, such amendments or modifications shall be accomplished in the same manner as the original enactment to this Ordinance. If any provision of this Ordinance conflicts with any Ordinance or statute, the more restrictive requirement shall apply.
- f.) <u>EFFECTIVE DATE</u> This Ordinance shall take full effect and be fully executed upon three readings and a public hearing as required by law.

DONE AND APPROVED in Council duly ass	sembled on this the day of 2017.
	LAURENS COUNTY COUNCIL:
	Joseph E. Wood, Jr., Chairman
ATTEST:	P. Keith Tollison, Vice Chairman
Jon Caime, Administrator Laurens County Council Laurens County, South Carolina	Garrett McDaniel, Council Member
	Ted G. Nash, Council Member
Betty C. Walsh, Clerk Laurens County Council	David Pitts, Council Member
Laurens County, South Carolina	Diane B. Anderson, Council Member
	Stewart Jones., Council Member
First Reading:	

First Reading: Second Reading: Public Hearing: Third Reading:



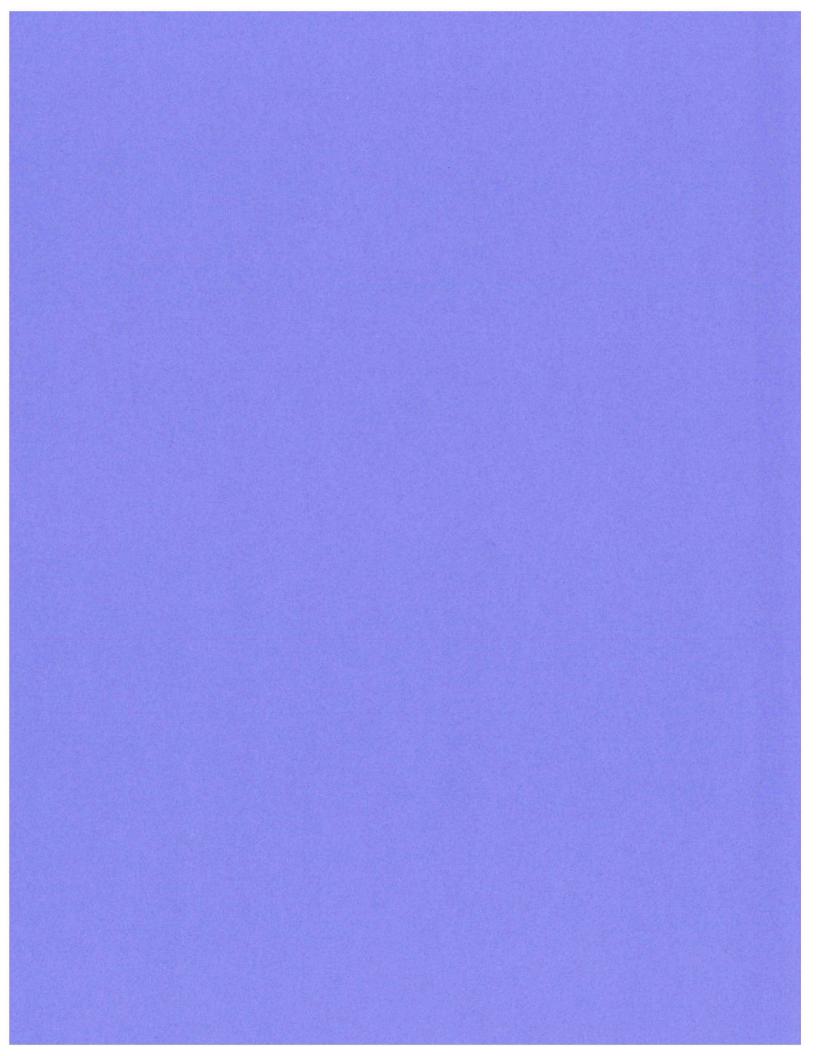


# AGENDA ITEM - REQUEST SHEET - COUNTY COUNCIL

ALL REQUESTS should be submitted by 1:00 P.M. on the Wednesday prior to the Tuesday meeting of Council. All other requests not submitted by the deadline will be retained and scheduled for the next meeting of Council.

Agenda Item #:5 b	
DEPARTMENT / AGENCY:	Date of Request:
COUNCIL ACTION REQUESTED:Approve	moving forward with the contracted phone audit.
the potential to reduce our phone and telecom	_In an effort to find any and all costs savings and efficiencies we have investigated costs through an external audit. We are recommending proceeding with this to root out inefficiencies and cost savings
was not aware of. Two items in this stack were	irst 2-3 weeks of employment I was told I had a stack of mail in a mailbox that I a about ¼ inch thick papers that I was to sign. These were the check registers for ticed that we spend a lot of money on telecom. I inquired if an audit of our
	spending. One of the first ways we can reduce spending is to eliminate  1 staff to do a detailed analysis of our telecom services. I know we have been
The goal was to have a telecom analysis done p	prior to the FY18 budget discussions but deadline was not met.
services. Based on this analysis they have dete implements any of the proposed and discovere recovery (refunds, credits, or compensations re	co determine if there are cost savings to root out inefficiencies in our telecomermined we can have the potential to save a good bit of money. If the County and inefficiencies in the next 12 months the company will receive 50% of the cost elating to overcharges or reductions in charges for services. The County will receive nonth period and then receive 100% of the saving forever.
The company will also receive 12 times (1 year) will receive 100% of the savings after 12 month	for any services eliminated (services we are paying for that we do not need). We as forever.
The company will also receive 12 times (1 year) do not need). We will receive 100% of the savi	for any cost reduction strategies implemented (services we are paying for that we ngs after 12 months forever.
This company has expertise in the area of telec The net result is that the County will save mone	om and will root out and negotiate on our behalf to eliminate these inefficiencies. ey as a result of this work.
FINANCIAL AMOUNT REQUESTED	·
SOURCE OF FUNDING:This project will be	e paid for by reduction in the telecom line item spending. This will be a net

positive to our finances through long term financial savings.



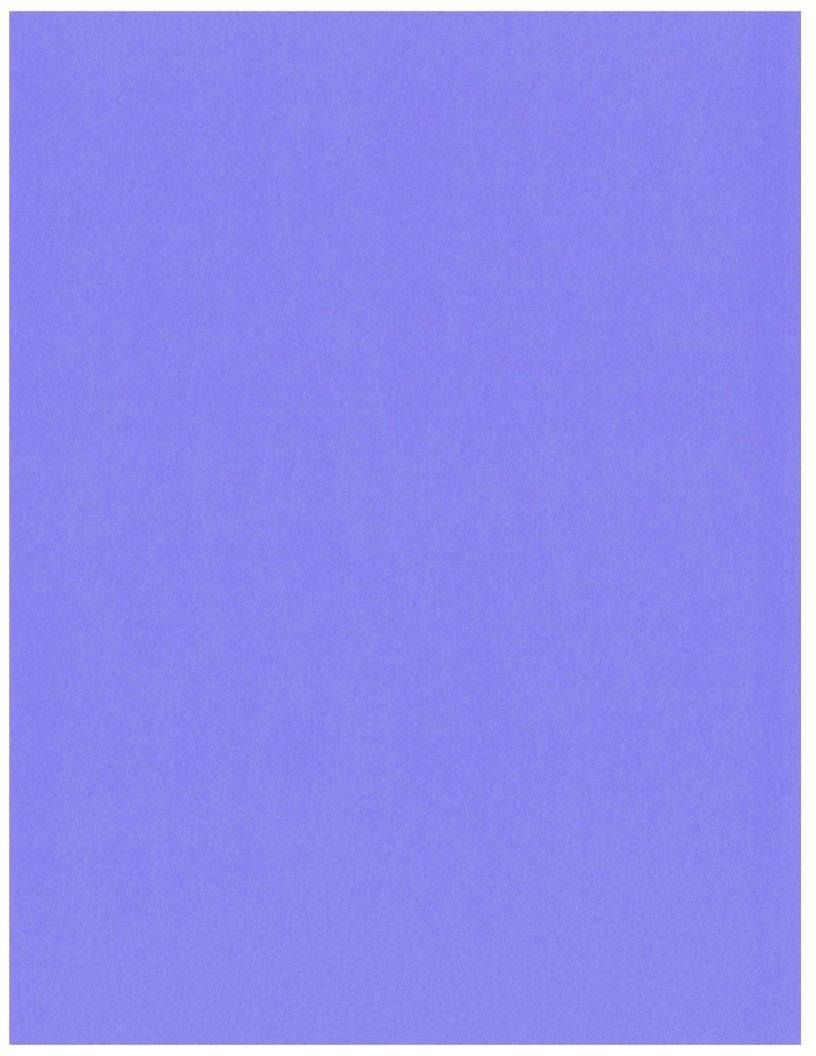


# AGENDA ITEM – REQUEST SHEET – COUNTY COUNCIL

ALL REQUESTS should be submitted by 1:00 P.M. on the Wednesday prior to the Tuesday meeting of Council. All other requests not submitted by the deadline will be retained and scheduled for the next meeting of Council.

Agenda Item #: 5C (County Clerk will insert this)									
DEPARTMENT / AGENCY: Public Works Date of Request: 7/18/2017									
COUNCIL ACTION REQUESTED: Assign review of Energy Efficiency Audit to the Public Works  Committee for rewiew									
Short Description of Item for Consideration: At the May 9th meeting of County Council, the council									
approved an Energy Efficiency Audit to be performed by Trane. The results of that									
More Detailed Description (if needed):									
audit are expected the first week of August. Since the audit is very detailed, we would									
like a chance to present the audit to the Public Works Committee for their review prior									
to presenting to council. We would like to make the presentation the second or third									
week of August.									
FINANCIAL AMOUNT REQUESTED N/A									
SOURCE OF FUNDING: N/A									

(PLEASE – attach subject matter document pages as necessary)





# AGENDA ITEM - REQUEST SHEET - COUNTY COUNCIL

ALL REQUESTS should be submitted by 1:00 P.M. on the Wednesday prior to the Tuesday meeting of Council. All other requests not submitted by the deadline will be retained and scheduled for the next meeting of Council

DATE OF REQUEST: 7-18-2017	······	(6a)
DEPARTMENT/AGENCY: Finance Office		
NAME: Lisa Kirk, Finance Director		
ADDRESS:		
CITY:	STATE:	ZIP:
PHONE NUMBER: 864-681-3171 EMAIL:	lkirk@c	co.laurens.sc.us
SIGNATURE: SUSA D. KUL		
SUBJECT MATTER REQUESTED (please be as specific as possib		
The Procurement Card Policy state	es that p	procurement credit cards can only
be assigned to full-time employee	es. Base	ed on recent events, the Finance
Office respectfully request that	the poli	cy be changed to read all full-
time and permanent part-time emp	loyees a	re eligible to participate at the
request of their respective Depar	rtment H	ead. Please see attached for
the current portion of the Procus	rement Ca	ard Manual which pertains to this
request.		
FINANCIAL AMOUNT REQUESTED_ N/A		
SOURCE OF FUNDING: N/A		
(PLEASE – attach subject ma	atter documer	nt pages as necessary)
FOR OF	FICE USE O	NLY
REQUEST ASSIGNED TO:	DA	TE RECEIVED:
DATE OF ASSIGNMENT:	DA	TE OF AGENDA:
DATE RESPONSE DUE:		
COUNCIL ACTION:		

# LAURENS COUNTY GOVERNMENT PURCHASING CARD PROGRAM CARDHOLDER MANUAL

#### **Parties Involved**

Agency – Laurens County who arranges with the card issuer, Bank of America, for the issuance of Purchasing Cards to approved County's employees and agrees to accept departmental liability for the employees' use of the cards.

Cardholder – a full-time permanent employee of the County who is approved by his/her department head to use the Purchasing Card to execute purchase transactions on behalf of the County.

Card Issuer - Bank of America's services were contracted for by the State of South Carolina, to issue Visa Purchasing Cards to County employees, to bill the County for all purchases made on the cards, and to collect payment from the County on behalf of the vendors.

Laurens County Purchasing Card Coordinator - the central coordinator located in the Finance Office who coordinates the Purchasing Card program for the County and acts as the County's intermediary in correspondence with the card issuer.

**Department Head** - County official who must approve employee's request for a Purchasing Card, assign Departmental Liaison, designate default account number for purchases on the Purchasing Card, and submit application to the County Purchasing Card Coordinator. Department Head approval delegates transaction authority to the Cardholder.

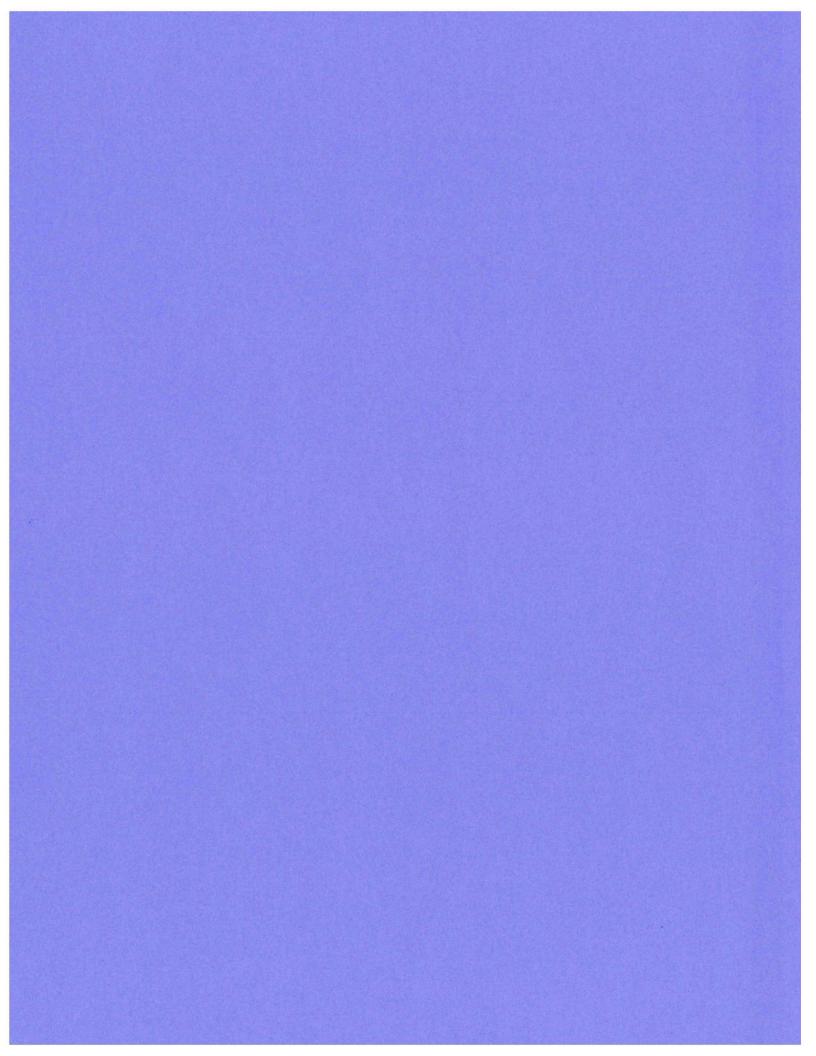
**Departmental Liaison** - an employee in each department responsible for proper use of the Purchasing Card within that department. Each Cardholder will be assigned a Departmental Liaison and the liaison will be responsible for reviewing transactions of individual Cardholders to make sure the transactions are classified as an appropriate county expense.

**Vendor** - the merchant or supplier from whom a Cardholder is making a purchase.

#### Cardholder Eligibility

Criteria to receive a County Purchasing Card is as follows:

- Applicant must be a full-time permanent employee of the County.
- Applicant's request for a Purchasing Card must be approved by his/her Department Head.
- Department Head will provide the name of the Departmental Liaison to whom Cardholder will be assigned and the default County account number for the Purchasing Card.
- Approved request is sent to the County Purchasing Card Coordinator.
- Employee must attend training session before he/she may be issued a Purchasing Card.
- Each individual Cardholder must sign a Cardholder agreement in the presence of the County Purchasing Card Coordinator.





# AGENDA ITEM - REQUEST SHEET - COUNTY COUNCIL

ALL REQUESTS should be submitted by 1:00 P.M. on the Wednesday prior to the Tuesday meeting of Council. All other requests not submitted by the deadline will be retained and scheduled for the next meeting of Council.

Agenda Item #: 6 (County Clerk will insert this)		
DEPARTMENT / AGENCY:FIRE	Date of Request:	07/18/17
COUNCIL ACTION REQUESTED:REQUEST FOR CONTI		ANCE TO FIREFIGHTERS
Short Description of Item for Consideration:		
More Detailed Description (if needed):		
PAPERWORK ATTACHED		
FINANCIAL AMOUNT REQUESTED \$3,534.00		
SOURCE OF FUNDING: FIRE CONTINGENCY		



July 17, 2017

To: Jon Caime, County Administrator

From: Greg Lindley, Director of Fire Services

Re: Contingency Fund Requests - Assistance to Firefighters Grants Awards

### Waterloo Volunteer Fire Department

The Waterloo Volunteer Fire Department is requesting \$571.00 for reimbursement for their 2016 AFG grant. The total grant is \$12,000.00 for a SCBA Fit Testing machine with a 5% match of \$571.00.

### Youngs Volunteer Fire Department

The Youngs Volunteer Fire Department is requesting \$1,857.00 for reimbursement for their 2016 AFG grant. The total grant was \$39,000.00 total. This is for new extrication tools for the department. The \$1,857.00 is the 5% match that is required by the department.

### **Hickory Tavern Volunteer Fire Department**

The Hickory Tavern Volunteer Fire Department is requesting \$1,106.00 for reimbursement for their 2016 AFG grant. The grant total is \$23,240.00 for new fire hose to replace old fire hose with.

The total in grant funds for these departments is \$74,240.00 in total funds

With \$3,534.00 in 5% matching funds.

Sincerely,

Greg Lindley
Director of Fire Services

U.S. Department of Homeland Security Washington, D.C. 20472



Mr. Greg Lindley Waterloo Volunteer Fire Department 11253 Highway 221 S Waterloo, South Carolina 29384-0001

Re: Award No.EMW-2016-FO-02186

Dear Mr. Lindley:

Congratulations, on behalf of the Department of Homeland Security, your application for financial assistance submitted under the Fiscal Year (FY) 2016 Assistance to Firefighters Grant has been approved in the amount of \$11,429.00. As a condition of this award, you are required to contribute a cost match in the amount of \$571.00 of non-Federal funds, or 5 percent of the Federal contribution of \$11,429.00.

Before you request and receive any of the Federal funds awarded to you, you must establish acceptance of the award through the Assistance to Firefighters Grant Programs' e-grant system. By accepting this award, you acknowledge that the terms of the following documents are incorporated into the terms of your award:

- Summary Award Memo
- Agreement Articles (attached to this Award Letter)
- Obligating Document (attached to this Award Letter)
- FY 2016 Assistance to Firefighters Grant Notice of Funding Opportunity.

Please make sure you read, understand, and maintain a copy of these documents in your official file for this award.

Prior to requesting Federal funds, all recipients are required to register in the System for Award Management (SAM.gov). As the recipient, you must register and maintain current information in SAM.gov until you submit the final financial report required under this award or receive the final payment, whichever is later. This requires that the recipient review and update the information annually after the initial registration, and more frequently for changes in your information. There is no charge to register in SAM.gov. Your registration must be completed on-line at <a href="https://www.sam.gov/portal/public/SAM/">https://www.sam.gov/portal/public/SAM/</a>. It is your entity's responsibility to have a valid DUNS number at the time of registration.

In order to establish acceptance of the award and its terms, please follow these instructions:

**Step 1:** Please go to <a href="https://portal.fema.gov">https://portal.fema.gov</a> to accept or decline your award. This will take you to the Assistance to Firefighters eGrants system. Enter your User Name and Password as requested on the login screen. Your User Name and Password are the same as those used to complete the application on-line.

Once you are in the system, the Status page will be the first screen you see. On the right side of the Status screen, you will see a column entitled Action. In this column, please select the View Award Package from the drop down menu. Click Go to view your award package and indicate your acceptance or declination of award. PLEASE NOTE: your period of performance has begun. If you wish to accept your grant, you should do so immediately. When you have finished, we recommend printing your award package for your records.

Step 2: If you accept your award, you will see a link on the left side of the screen that says "Update 1199A" in the Action column. Click this link. This link will take you to the SF-1199A, Direct Deposit Sign-up Form. Please complete the SF-1199A on-line if you have not done so already. When you have finished, you must submit the form electronically. Then, using the Print 1199A Button, print a copy and take it to your bank to have the bottom portion completed. Make sure your application number is on the form. After your bank has filled out their portion of the form, you must fax a copy of the form to FEMA's SF-1199 Processing Staff at 540-504-2883. You should keep the original form in your grant files. After the faxed version of your SF 1199A has been reviewed you will receive an email indicating the form is approved. Once approved you will be able to request payments online. If you have any questions or concerns regarding your 1199A, or the process to request your funds, please call (866) 274-0960.



U.S. Department of Homeland Security Washington, D.C. 20472



Mr. Kurt Thackston Youngs Volunteer Fire Department 3333 HARRIS BRIDGE RD WOODRUFF, South Carolina 29388-7886

Re: Award No.EMW-2016-FO-02247

Dear Mr. Thackston:

Congratulations, on behalf of the Department of Homeland Security, your application for financial assistance submitted under the Fiscal Year (FY) 2016 Assistance to Firefighters Grant has been approved in the amount of \$37,143.00. As a condition of this award, you are required to contribute a cost match in the amount of \$1,857.00 of non-Federal funds, or 5 percent of the Federal contribution of \$37,143.00.

Before you request and receive any of the Federal funds awarded to you, you must establish acceptance of the award through the Assistance to Firefighters Grant Programs' e-grant system. By accepting this award, you acknowledge that the terms of the following documents are incorporated into the terms of your award:

- Summary Award Memo
- Agreement Articles (attached to this Award Letter)
- Obligating Document (attached to this Award Letter)
- FY 2016 Assistance to Firefighters Grant Notice of Funding Opportunity.

Please make sure you read, understand, and maintain a copy of these documents in your official file for this award.

Prior to requesting Federal funds, all recipients are required to register in the System for Award Management (SAM.gov). As the recipient, you must register and maintain current information in SAM.gov until you submit the final financial report required under this award or receive the final payment, whichever is later. This requires that the recipient review and update the information annually after the initial registration, and more frequently for changes in your information. There is no charge to register in SAM.gov. Your registration must be completed on-line at https://www.sam.gov/portal/public/SAM/. It is your entity's responsibility to have a valid DUNS number at the time of registration.

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U.S. Department of Homeland Security Washington, D.C. 20472



Mr. Lance Roper Hickory Tavern Volunteer Fire Department 73 HICKORY HTS DR. Gray Court, South Carolina 29645-7448

Re: Award No.EMW-2016-FO-02014

Dear Mr. Roper:

Congratulations, on behalf of the Department of Homeland Security, your application for financial assistance submitted under the Fiscal Year (FY) 2016 Assistance to Firefighters Grant has been approved in the amount of \$22,134.00. As a condition of this award, you are required to contribute a cost match in the amount of \$1,106.00 of non-Federal funds, or 5 percent of the Federal contribution of \$22,134.00.

Before you request and receive any of the Federal funds awarded to you, you must establish acceptance of the award through the Assistance to Firefighters Grant Programs' e-grant system. By accepting this award, you acknowledge that the terms of the following documents are incorporated into the terms of your award:

- Agreement Articles (attached to this Award Letter)
- Obligating Document (attached to this Award Letter)
- FY 2016 Assistance to Firefighters Grant Notice of Funding Opportunity.

Please make sure you read, understand, and maintain a copy of these documents in your official file for this award.

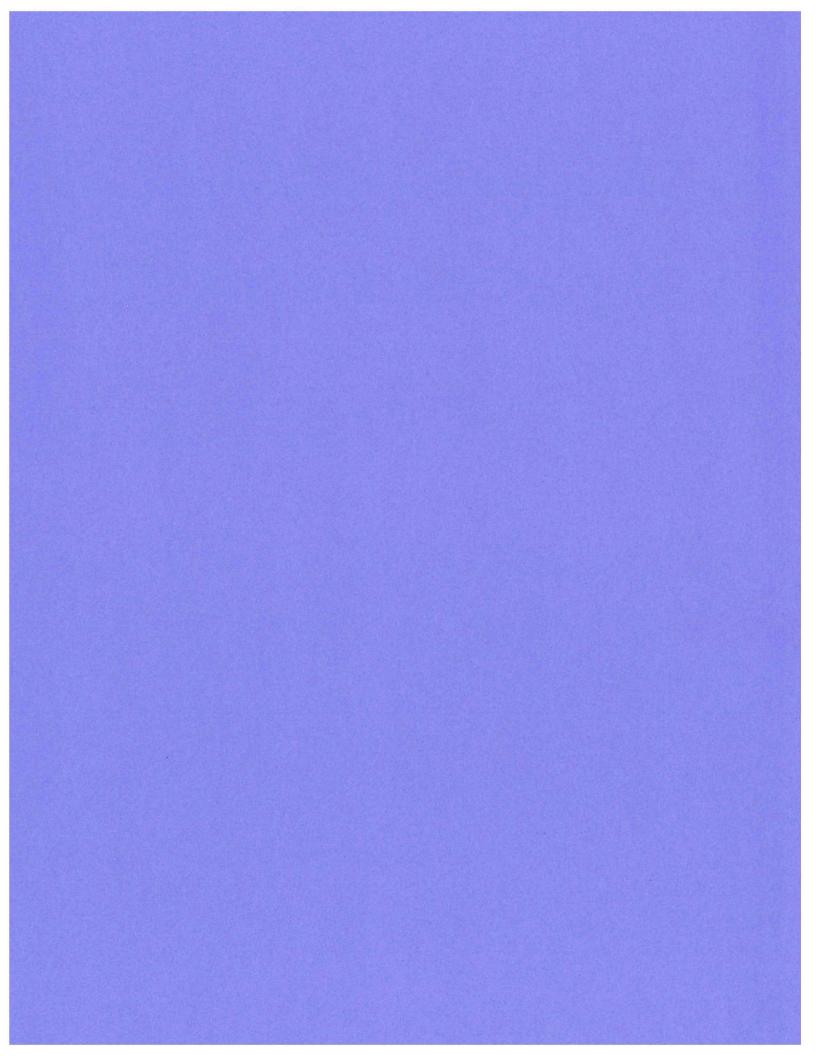
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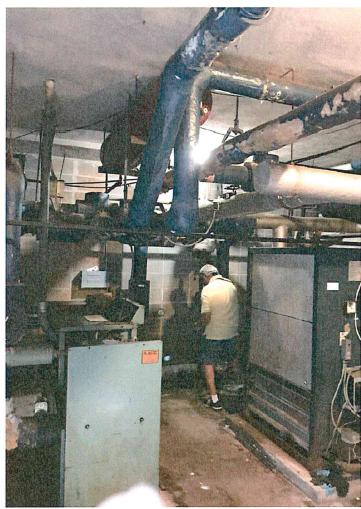
# AGENDA ITEM – REQUEST SHEET – COUNTY COUNCIL

ALL REQUESTS should be submitted by 1:00 P.M. on the Wednesday prior to the Tuesday meeting of Council. All other requests not submitted by the deadline will be retained and scheduled for the next meeting of Council.

Agenda Item #: 6 C (County Clerk will insert this)
DEPARTMENT / AGENCY: Public Works  Date of Request: 7/20/2017
council action requested: For Information Only
Short Description of Item for Consideration: A contractor recently expressed a concern about
possible asbestos in the boiler room of the Courthouse Annex. The area of concern
·
More Detailed Description (if needed):
was insulation around pipes related to the boiler/chiller as shown in the attached
picture. Upon hearing his concern, we brought in an inspector to take samples of the
pipe insulation to test for asbestos. The inspector also took multiple air samples to
check for airborne fibers. The results of the testing is attached. The air samples
showed that the room was safe for occupancy but the samples of the insulation
showed that some of the pipe joints did have some asbestos material. We are
currently getting quotes to have the asbestos material removed or covered.
FINANCIAL AMOUNT REQUESTED N/A
SOURCE OF FUNDING: N/A

(PLEASE – attach subject matter document pages as necessary)





From: Rob Russian

To: "dreynolds@laurenssheriff.com"

Cc: "Jon Caime"; Allen Robertson; "Mickey Coats"

Subject: FW: Air Sample Results

Date: Monday, July 17, 2017 8:59:18 AM

Attachments: Copy of Laurens Courthouse Annex Basement Air Sampling.pdf

Sheriff,

Results from the air testing completed Saturday were as expected and are attached. The boiler room and elevator room were deemed safe for occupancy. The results were forwarded to Otis (elevator company) and they are trying to get a technician on site today to work on the elevator.

Thanks.

Robert Russian

Laurens County Director of Public Works

P.O. Box 238, Laurens, SC 29360

Office - (864)984-6812

Mobile - (864)910-5263

Fax - (864)984-3726

rrussian@co.laurens.sc.us

From: "John N. McNamara, CIAQP/CBEI" < iohn@jmacenviro.com>

Date: July 15, 2017 at 3:46:12 PM EDT

Subject: FW: Air Sample Results

From: John N. McNamara, CIAQP/CBEI Sent: Saturday, July 15, 2017 3:44 PM

To: arobertson@co.laurens.sc Subject: Air Sample Results

Mr. Robertson,

Attached are the air samples results obtained in the Boiler Room located at 216 West Main Street, Laurens, SC. The air samples were obtained and analyzed by a South Carolina Department of Health and Environmental Control (SC-DHEC) licensed Asbestos Air Monitor, Mr. Robert Jackson, SC-DHEC License #AS-00295.

The sample results obtained today reported levels of <0.0022 f/cc, <0.0022 f/cc, 0.0029 f/cc, <0.0022 f/cc, and 0.0049 f/cc (see the attached sample sheet). These air sample results are below the regulatory level for clean air, which is 0.01 f/cc for Phase Contrast Microscopy (PCM) and is the regulatory level deemed safe for occupancy.

# Air Sampling Results

AIR S	AMPUNG I	ORM	RM TYPE AREA COLLECTED BY: Robert Jackson										Laurens County	,		
JMAC Environmental, LLC  P=PERSONNEL 2=OUTSIDE BLDG.		1=INSIDE BLDG.	ANALYZED BY:	ANALYZED BY: Robert Jackson Signature: Rodal will			2 42 Juni	ksm.	CLIENT:	Laurens County						
		NIOSH 7400 (A RULES REVISION 3)							PROJECT NAM	#17-390 AME: Courthouse Annex		inex B	x Basement			
3=INSIDE WORK AREA		TEM SAMPLES	RELINQUISH	D BY:					SITE/PHASE:	1						
1				4=OUTSIDE WORK AREA	TRND. TIME RE	QUESTED:						DATE:	07/15/17			
l				PHASE OF WORK		PORE S	SIZE		1	ANALYSIS		DAY #:	1			
JMAC Environ	mental	***********	К	BACKGROUNDS	×		0.8	μm	X	P	CM					
234 Pine Fore	st Rd. Ext.			PREP			0.45	μm		т	EM	BLANK SAMP	LE #'S:	1 6	8	7
Spartanburg,	SC 29303			WORK		CASSETT	E SIZE			A	AS	AVG. FIBERS/	100 FLDS.:		0	
Submit TEM R	lesults to:			CLEAN-UP			251	nm	1	OT	HER	SHIFT TIME:		n/a	to	n/a
l				FINALS			37 (								1	
SAMPLE#	TYPE	AREA	PUMP#	LOCATION OR WORKER NAME	COMMENTS	START TIME HOUR	START TIME MIN.	STOP TIME HOUR	STOP TIME MIN.	TOTAL MINS.	FR (LPM)	VOLUME	FIBERS COUNTED	FIELDS COUNTED	FI	BERS/CC
1	A	1/3	943	Elevator Control Room at Door		8	7	9	47	100	12	1200	5	100	<	0.0022
2	A	1/3	953	Elevator Control Room at Electrical Panel		8	8	9	48	100	12	1200	4	100	<	0.0022
3	A	1/3	952	Boiler Room at Phone Patch		8	9	9	49	100	12	1200	7	100		0.0029
4	А	1/3	654	Boiler Room Between Two Boilers		8	10	9	50	100	12	1200	5	100	<	0.0022
5	A	1/3	944	Boiler Room at Exit Door		8	11	9	51	100	12	1200	12	100		0.0049
										0		0				#DIV/0!
										0		0				#DIV/0!
										0		0				#DIV/0!
										0		0				#DIV/0!
										·····						#DIV/0!
			1	QAQC:				PPE:	<u> </u>	L			ANALYST	INFO:	لا	
MICROSCOPE	#:	JMS-	01	HSE/NPL TEST SLIDE USED (Y/N): y	·	DISPOSABLE	SUIT:				AIR MONI	TORING LICEN	SE #:	AS-00295		
GRATICULE AI		0.00785	mm²	PHASE RING CENTERED (Y/N): Y			RESPIRATOR:				EXPIRATION			11/07/17		
AREA OF FILT			mm²	QC REFERENCE SLIDE #:			ESPIRATOR:				FIT TEST C					
		PER 100 FIEL		BLIND RECOUNT #: 5-11/100		PAPR:	EJFINATUR:				2ND ANAL	YST'S NAME:		MI TOLOMAL		
					<u> </u>	SCBA:					(IF APPLIC	ABLE)				

PAGE 1 OF 1



JMAC Environmental LLC

234 Pineforest Road Extension Spartanburg, SC 29303 EMSL Order: 411705399 Customer ID: JMAC34

Customer PO: Project ID:

Phone: (864) 680-3907

Fax:

Received Date: 07/17/2017 9:50 AM

Analysis Date: 07/17/2017

**Collected Date:** 

**Project: 17-390** 

Attention: John McNamara

# Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Non-Asbestos			<u>Asbestos</u>
		Appearance	% Fibrous	% Non-Fibrous	% Type
023	White Cementitious	White Fibrous	2% Cellulose 60% Min. Wool	15% Ca Carbonate 23% Non-fibrous (Other)	None Detected
411705399-0001		Homogeneous	10.00.00	5 200 Feb 200 &	
024	White Cementitious	White Fibrous Homogeneous	2% Cellulose 60% Min. Wool	15% Ca Carbonate 23% Non-fibrous (Other)	None Detected
025	White Cementitious	White Fibrous Homogeneous	4% Cellulose 50% Min. Wool	15% Ca Carbonate 31% Non-fibrous (Other)	None Detected
026	Blue Wrap	Blue Fibrous Homogeneous	40% Cellulose 15% Glass	45% Non-fibrous (Other)	None Detected
027-Wrap	Blue Wrap & Cementitious	Blue Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
027-Insulation 411705399-0005A	Blue Wrap & Cementitious	Gray Fibrous Homogeneous	60% Min. Wool	15% Ca Carbonate 20% Non-fibrous (Other)	5% Chrysotile
028-Wrap 411705399-0006	White Wrap & Cementitious	White Non-Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
028-Insulation 411705399-0006A	White Wrap & Cementitious	White/Yellow Non-Fibrous Homogeneous	15% Min. Wool 20% Glass	10% Ca Carbonate 55% Non-fibrous (Other)	<1% Amosite

# **Physical Testing Results**

Analyst(s)

Anupriya Tyagi (5) Eric Loomis (3) Lee Plumley, Laboratory Manager or Other Approved Signatory

Evan L Plumber

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Charlotte, NC NVLAP Lab Code 200841-0, VA 3333 00312

Initial report from: 07/17/2017 16:07:34