

Citizen Communication about the Proposed Facility

Staff received the following communication:

A) 18 emails from citizens

- A1) 12 in favor of the facility for reasons of increased service, finances to the school, and property values increased due to increased cell phone coverage.
- A2) 6 opposed to the facility because of visual impacts to the community, which will also drive down property values. The facility does not comply with the County ordinances for concealment. Additionally, a few citizens mention health effects caused by the facility. [Emails Attached]

B) Additionally, staff received the following discussion points at the community meeting on Dec 20, 2017.

B1) There were three nearby households represented at the December 20th community meeting. The Hilles family, whose 21 acre parcel abuts the site (TMP 56-17, 100 Miller School Road), seemed to be in favor of it for the service, which could benefit them. Milestone has a letter of intent from Verizon, who says this site would work in its network to improve service in the area; apparently, lease negotiations are underway. Mr. Cushing (TMP 56-17F, 5861 Rockfish Gap Turnpike) mentioned concern that the trees screening the pole in many of the pictures were not on the school property and may disappear, leaving the pole much more visible than suggested by the photos. The Jacksons (TMP 56-16E, 479 Savannah Court) expressed great concern over visibility.

B2) There was a lot of interest in seeing photo simulations with a pole that has 5 sets of antenna arrays on it. Some were concerned that the photos did not fully equate to the anticipated visual impact. The height of the facility and associated visual impact were a significant concern to the CAC members.

B3) Many questions about whether the pole really needs to be this tall and whether it could still be viable at a lower height with fewer arrays. I didn't hear anyone suggest a specific reduction, though a couple of people were focused on the height of the Albemarle HS facility. Tom Loach said he would like to see it shorter and asked about economic viability if shorter.

B4) There was interest in visual comparisons with the Albemarle HS pole.

B5) One concern was raised about possible erosion and sediment control impacts, feeling this was a sensitive area.

B6) Concern that the trees screening the pole in many of the pictures were not on the property and may disappear, leaving the pole much more visible than suggested by the photos.

B7) Some questions with how important this was to Schools. CAC expressed interest in having someone from School Board or Superintendent's Office speak to the value seen with this project. Though not specifically said, I took this to mean there was interest in knowing if this was "nice to have" versus an "important to have" facility.

B8) Some concerns that there was no way to assure Schools plowed any monies received for the facility back into the local schools versus the school district as a whole. I took this to mean there was a feeling the impact was local and the benefit should all be local.

C) Additionally, staff received the following discussion points at the community meeting on February 21, 2018.

C1) 1 in person discussion of opposition from TMP 56-17G1, property owner William Buckon. The citizen caught up with staff in the parking lot to discuss the visual impacts on his property. He states that the facility was highly visible and skylite from his property during the balloon test. He is adamantly opposed to this facility being constructed in his viewshed, because the height of the facility is too great and will destroy their scenic views and vistas from their backyard as well as that of the community as a whole. His son also mention the devastating effects that these facilities have on beehives and bee population collapse in the area. He believes this should be considered and discussed because this area has a lot of farms and orchards, which rely on bees to pollinate their products, as well as ecological health of the area as a whole.

C2) Many of the same discussion points from the Dec 20th meeting were reiterated and discussed further.

- Questions about whether the pole really needs to be this tall and whether it could still be viable at a lower height with fewer arrays.
- There was interest in visual comparisons with the Albemarle HS pole.
- One concern was raised about possible erosion and sediment control impacts, feeling this was a sensitive area.
- Some concerns that there was no way to assure Schools plowed any monies received for the facility back into the local schools versus the school district as large. I took this to mean there was a feeling the impact was local and the benefit should all be local.

Christopher Perez

From: Ed <edquigs@comcast.net>
Sent: Wednesday, March 28, 2018 7:47 PM
To: Board of Supervisors members; Planning Commission; Christopher Perez;
CHarold@milestonecorp.com
Subject: Letter of Support for Proposed Tower at WAHS

My name is Ed Quigley and I am a current Albemarle County resident who lives at 5215 Park Ridge Court in Crozet. I am writing to voice my support of the proposed cell phone tower at Western Albemarle High School currently under consideration. I have child who attends the school (or others who soon will) and believe it important that students and administrators have reliable wireless communications - particularly in support of emergency response, if needed. I also think that the improved cell coverage will be a benefit to our Crozet community. Thank you for your consideration.

Respectfully,

Ed Quigley

Sent from my iPhone

Christopher Perez

From: Kevin Murray <kevin29er@gmail.com>
Sent: Tuesday, March 27, 2018 11:49 AM
To: Board of Supervisors members; Planning Commission; Christopher Perez;
CHarold@milestonecorp.com
Subject: Proposed Tower at WAHS

My name is Kevin Murray, resident of Crozet, VA at 5074 Spring Cove Ct. Please support the proposed cell phone tower at Western Albemarle High School. We need **reliable** wireless communications at these schools, particularly for emergencies.

Christopher Perez

From: Jeff Hoffman <jeff@virginiatower.com>
Sent: Tuesday, March 27, 2018 10:26 AM
To: Board of Supervisors members; Planning Commission; Christopher Perez; CHarold@milestonecorp.com
Subject: Cell Phone Tower at Western Albemarle High School

My name is Jeff Hoffman and I live at 3700 Magnolia Road, Gordonsville which is in Albemarle County. Please support the proposed cell phone tower at Western Albemarle High School. We need better wireless service in the County. We also need some sort of option for high speed internet in the north east (forgotten) portion of the county.

Thank you for your time,
Jeff

Jeff Hoffman
Virginia Tower Construction, LLC
jeff@virginiatower.com
540.241.0271



Christopher Perez

From: Diego Anderson <dander0412@gmail.com>
Sent: Monday, March 26, 2018 6:16 PM
To: Board of Supervisors members; Planning Commission; Christopher Perez;
CHarold@milestonecorp.com
Subject: Cell coverage improvement

Hello all,

My name is Diego Anderson and I live at 1872 Rhett Court in Albemarle County. Please support the proposed cell phone tower at Western Albemarle High School aimed at improving network coverage in that area. We need reliable wireless communications at our schools. Just a short note to express feedback about this pending matter.

Best Regards,

Diego
434.760.8778

Christopher Perez

From: Jeffrey Claman <Jeffrey.Claman@emp.shentel.com>
Sent: Monday, March 26, 2018 6:57 PM
To: Board of Supervisors members; Planning Commission; Christopher Perez;
CHarold@milestonecorp.com
Subject: Proposed Tower at Western Albemarle High School (WAHS) / Application
#SP201700026

Hello,

My name is Jeff Claman and I live at 5925 Weston Ln, Crozet in Albemarle County. Please support the proposed cell phone tower at Western Albemarle High School. We need better wireless service in the County and a safer school campus environment with the ability to have better communication with our students, children and staff.

Thank you

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Christopher Perez

From: Elaine Echols
Sent: Monday, February 26, 2018 9:14 AM
To: Christopher Perez
Subject: FW: WAHS cell tower

From: Meagan MacQueen [mailto:meagan.macqueen@gmail.com]
Sent: Sunday, February 25, 2018 3:11 PM
To: Planning Commission <PlanningCommission@albemarle.org>
Subject: WAHS cell tower

Dear Planning Commission,

I'm writing to say that I am a committed voter and I vehemently oppose the placement of a cell tower at Western Albemarle high school. As a mother of two children in the western feeder pattern, I do not want them to be exposed to that. I know that you are not supposed to consider health concerns, however I am compelled to share the following. I am a nurse and a cancer survivor and we do not yet know the full effects of having a cell tower in that close proximity to developing bodies. I don't want my children or anyone else's to be the experiment to find out what happens. This is an opportunity to demonstrate how committed we are to protecting our children in school.

In addition to the potential harmful health effects of the cell tower, it is a complete eyesore. I know that the balloon test proved that the tower would be visible to those in old Trail thereby potentially decreasing property values and having the county and school be known for selling out and harming the community for profit. If the money is so needed, I feel sure that there is another way. We need to get creative and involve the community.

Lastly, as I understand it, this violates the County's own concealment and view-shed ordinances. This is an opportunity to demonstrate ethics and morality to our students and community, rather than going for the easy money play.

Please do not allow the placement of the cell tower. I know that many in my community are as opposed to it as I am.

Thank you,
Meagan MacQueen
Crozet, VA

Christopher Perez

From: HEIDI BROWN <heidihbb@comcast.net>
Sent: Thursday, February 22, 2018 7:49 PM
To: CHarold@milestonecorp.com; Board of Supervisors members; Planning Commission; Christopher Perez
Subject: Shentel Cellphone Tower at Western Albemarle High School

My name is Heidi Brown.

My address is 977 Clearfields Lane in Crozet.

Please accept this email as my support for the proposed cell phone tower at Western Albemarle High School. The schools need more funding, and we all need more reliable wireless service in Crozet.

Thank you,

Heidi Brown

Christopher Perez

From: leahudaniel <leahudaniel@gmail.com>
Sent: Tuesday, February 20, 2018 8:04 PM
To: Board of Supervisors members; Planning Commission; Christopher Perez;
CHarold@milestonecorp.com
Cc: Todd Daniel; Dan.Meenan@emp.shentel.com
Subject: Cell Tower support

My name is Leah Daniel. My address is 352 Grayrock Drive in Crozet. Please accept this email as my support for the proposed cell phone tower at Western Albemarle High School. The schools need more funding, and we all need more reliable wireless service in Crozet.

Leah

Leah U. Daniel
434-409-1166

Christopher Perez

From: Darcy Starsia <darcystarsia@gmail.com>
Sent: Tuesday, January 23, 2018 11:12 AM
To: CHarold@milestonecorp.com; Christopher Perez; Planning Commission; Board of Supervisors members
Subject: Proposed WAHS cell tower

My name is Darcy Starsia. I am a teacher within the Western District, and I have a student at WAHS.

Please accept this email as my support for the proposed cell phone tower at Western Albemarle High School. The schools need more funding, and we all need more reliable wireless service in Crozet.

Thank you for your time and attention to this matter.

**Darcy A. Starsia
2659 Browns Gap Tpke
Charlottesville VA 22901
845.803.4462**

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Darcy A. Starsia
845.803.4462 cell

Christopher Perez

From: Heilman, Carrie (cmh8p) <cmh8p@comm.virginia.edu>
Sent: Saturday, January 20, 2018 3:53 PM
To: Board of Supervisors members; Planning Commission; Christopher Perez; CHarold@milestonecorp.com
Subject: Cell Tower at WAHS

Dear County and Milestone Communications Representatives:

My name is Carrie Heilman (6559 Woodbourne Ln., Crozet) and I am writing to support the proposed cell phone tower at Western Albemarle High School. The schools need more funding, and we all need more reliable wireless service in Crozet.

I appreciate your consideration in this matter.

Sincerely,

Carrie Heilman
Crozet Resident
Mother of 2nd & 5th graders (B'ville), 8th grader (Henley) and 11th grader (WAHS)

Carrie M. Heilman
Associate Professor of Marketing
McIntire School of Commerce
Faculty Athletics Rep
University of Virginia
Email: heilman@virginia.edu; Office: 434-243-8738
<https://www.commerce.virginia.edu/faculty/heilman>

Christopher Perez

From: Doug Barrese <doug@flavorguru.com>
Sent: Tuesday, January 23, 2018 10:38 AM
To: Christopher Perez
Subject: RE: Proposed Tower at Western Albemarle High School

Thanks for your time and attention on this.

We are at:

299 Field Pine Lane
Crozet, VA 22932



Doug Barrese

Ben & Jerry's Franchisee Charlottesville VA
1112 Emmet Street
Charlottesville, VA 22903
434-249-4896
doug@flavorguru.com

From: Christopher Perez [mailto:cperez@albemarle.org]
Sent: Monday, January 22, 2018 10:53 AM
To: Doug Barrese <doug@flavorguru.com>; CHarold@milestonecorp.com
Subject: RE: Proposed Tower at Western Albemarle High School

Doug,

Thank you for your feedback. Your support of the project will be reflected in the staff report to the PC/BOS. What is your home address? I want to make sure I can locate your home on the GIS map. Thanks

Christopher P. Perez | Senior Planner
Department of Community Development | County of Albemarle, Virginia
401 McIntire Road | Charlottesville, VA 22902
[434.296.5832](tel:434.296.5832) ext. 3443

From: Doug Barrese [mailto:doug@flavorguru.com]
Sent: Friday, January 19, 2018 11:05 AM
To: Board of Supervisors members <bos@albemarle.org>; Planning Commission <PlanningCommission@albemarle.org>; Christopher Perez <cperez@albemarle.org>; CHarold@milestonecorp.com
Subject: Proposed Tower at Western Albemarle High School

I'm writing today in support of the proposed tower at WAHS.

Christopher Perez

From: Doug Barrese <doug@flavorguru.com>
Sent: Friday, January 19, 2018 11:05 AM
To: Board of Supervisors members; Planning Commission; Christopher Perez; CHarold@milestonecorp.com
Subject: Proposed Tower at Western Albemarle High School

I'm writing today in support of the proposed tower at WAHS.

Our home is located 300 yards off Route 250, only 1 mile from WAHS, but based on our location we have no access to land based internet. We have exhausted all our options in finding an affordable wireless service with unlimited data and check the marketplace regularly for new services. We currently use a Crozet based wireless provider and connect at speeds of 1.5 MB/sec or less. Based on weather and shared network demand our connection speed is often lower.

Just last night, my son spent 20 minutes waiting to stream a 1 minute video as part of his homework. Both of my children (I have an 11th grader at WAHS and an 8th grader at Henley) struggle to complete their homework each day based on access to reliable high speed internet. Both of my children go to school early each day to complete their assignments using the school WiFi.

I am certain that many other homes in our community suffer the same lack of access based on the challenges of long term investment in infrastructure. Please consider how important technology access is for the young men and women in our community and approve this tower which will dramatically impact so many of the developing leaders in our county.

Please feel free to let me know if I can be of further assistance in any way.



Doug Barrese

Ben & Jerry's Franchisee Charlottesville VA
1112 Emmet Street
Charlottesville, VA 22903
434-249-4896
doug@flavorguru.com

Christopher Perez

From: Matt Winkler <mattwinkler94@gmail.com>
Sent: Thursday, January 18, 2018 3:39 PM
To: Board of Supervisors members; Planning Commission; Christopher Perez;
CHarold@milestonecorp.com
Subject: WAHS Cell Tower

Hello,

My name is Matt Winkler. My address is 1711 Wickham Way in Crozet. Please accept this email as my support for the proposed cell phone tower at Western Albemarle High School. The schools need more funding, and we all need more reliable wireless service in Crozet.

Thank you.

Christopher Perez

From: Elaine Echols
Sent: Monday, June 11, 2018 9:33 AM
To: Christopher Perez
Subject: FW: proposed WAHS cell phone tower

From: Steve Turner <sdtturner2a@gmail.com>
Sent: Saturday, June 09, 2018 4:22 PM
To: Planning Commission <PlanningCommission@albemarle.org>
Subject: proposed WAHS cell phone tower

Dear Members of the Planning Commission,

My name is Steve Turner and I am a long time resident of Crozet. I am writing to express my strong opposition to the installation of a cell phone tower at Western Albemarle High School.

The height of the proposed tower, 145 feet, is more than 80 feet above the trees around it. At this height, the tower will be visible from White Hall to Batesville, Afton to Foxchase. Moreover, If approved, the applicant could also raise the tower twenty feet without further permission, making it 165 feet tall!!

Much of Crozet's appeal to homeowners lies in its small-town community feel, access to open spaces, and it's expansive pastoral and mountain vistas. An enormous cell phone tower, planted within sight of Crozet and beyond, absolutely shatters these highly-prized views. When conducting our own home search in 2008, we specifically avoided any real estate that was in sight of power lines or other large man-made eyesores for aesthetic reasons. Had there been cell phone towers in the area at the time, we would have declined to consider any properties within sight of these as well. A cell phone tower of this size and scope, built in such a centrally-located spot, will surely negatively impact the property values of those in the area.

The Planning Commission should also consider that a tower of this size may soon be obsolete with the coming of 5G wireless technology. 5G service will require the installation of very small towers in close proximity, two to three hundred feet apart. As 5G will certainly become standard in the coming years, Crozet has little need for a large, ugly tower providing soon-to-be antiquated technology.

As for the assertion that improved cell phone coverage in the area will increase property values, our family of cell phone users has had no issue with poor coverage in Crozet in our over 10 years in the area. Furthermore, the idea that 911 emergency response times would improve is also of marginal benefit. Our volunteer fire and rescue squad has a tremendous reputation in the community for not only providing outstanding levels care, but its incredibly swift response times. Moreover, any slight improvement in coverage that would result would be greatly outweighed by the negative impact to property values.

I sincerely urge the Planning Commission to consider these compelling arguments against approving the cell phone tower at Western Albemarle High School and vote NO accordingly.

Sincerely,

Steve Turner

Christopher Perez

From: Elaine Echols
Sent: Monday, June 11, 2018 9:33 AM
To: Christopher Perez
Subject: FW: WAHS Cell Phone Tower

From: Jennifer Turner <jenniferturner2@gmail.com>
Sent: Saturday, June 09, 2018 8:22 AM
To: Planning Commission <PlanningCommission@albemarle.org>
Subject: WAHS Cell Phone Tower

Dear Planning Commission Members,

My name is Jennifer Turner and I am a resident of Crozet. I am writing to express my strong opposition to the installation of a cell phone tower at Western Albemarle High School.

The height of the proposed tower, 145 feet, is more than 80 feet above the trees around it. It will be fully visible for more than it is screened. This is completely contrary to our county ordinance for tree top towers which specifies that towers should be 7-10 feet higher than the reference tree. Higher towers would only be approved by special permit, be that there was found to be no significant detriment to the surrounding area or residents' quality of life. Taller towers have been approved in places where there is mountain and forest behind them, making them much less visible. At this height, the tower will be visible from White Hall to Batesville, Afton to FoxChase. Moreover, If approved, the applicant could also raise the tower twenty feet without further permission, making it 165 feet tall and about 100 feet in full view.

The Supreme Court of Virginia has upheld the Albemarle ordinance based on visibility and aesthetics. These rules are within the County's authority to uphold and must be done. Much of Crozet's appeal to homeowners lies in its small-town community feel, access to open spaces, and its expansive pastoral and mountain vistas. An enormous cell phone tower, planted within sight of Crozet and beyond, absolutely shatters these highly-prized views. When conducting our own home search in 2008, we specifically avoided any real estate that was in sight of power lines, for aesthetic reasons. Had there been cell phone towers in the area at the time, we would have declined to consider any properties within sight of these as well. A cell phone tower of this size and scope, built in such a centrally-located spot, will surely negatively impact the property values of those in the area.

As for the assertion that improved cell phone coverage in the area will increase property values, our family of cell phone users has had no issue with poor coverage in Crozet in our over 10 years in the area. Furthermore, the idea that 911 emergency response times would improve is also of marginal benefit. Our volunteer fire and rescue squad has a tremendous reputation in the community for not only providing outstanding levels care, but its incredibly swift response times. Moreover, any slight improvement in coverage that would result would be greatly outweighed by the negative impact to property values.

I urge the Planning Commission to consider these compelling arguments against approving the cell phone tower at Western Albemarle High School and vote NO accordingly.

Sincerely,

Jennifer Turner

From: Atieno Bird <atieno@gmail.com>

Mrs Bird of Crozet

Christopher Perez

From: Elaine Echols
Sent: Monday, June 11, 2018 9:34 AM
To: Christopher Perez
Subject: FW: Proposed Cell Tower - WAHS

-----Original Message-----

From: Sue Ann Conquest <sagconquest1@gmail.com>

Sent: Sunday, June 10, 2018 8:31 AM

To: Board of Supervisors members <bos@albemarle.org>; Planning Commission <PlanningCommission@albemarle.org>; croetcac@googlegroups.com

Subject: Proposed Cell Tower - WAHS

My name is Sue Ann Conquest. I am a resident of Albemarle County and Realtor at Roy Wheeler Realty Co. I strongly support my daughter's valid concerns and comments outlined in her email to the Board of Supervisors.

From my experience, potential buyers are most impressed with the open spaces with unrestricted view-shed, Mountain Views, and the overall "small town" community feel of Crozet. Sadly, this proposed tower would be seen from so many neighborhoods and locations.

I urge the Board of Supervisors to vote, NO.

Cordially,

Sue Ann Conquest
2341 Abington Dr
Charlottesville, Va 22911

*** My name is Jennifer Turner and I am a resident of Crozet. I am writing to express my strong opposition to the installation of a cell phone tower at Western Albemarle High School.

The height of the proposed tower, 145 feet, is more than 80 feet above the trees around it. It will be fully visible for more than it is screened. This is completely contrary to our county ordinance for tree top towers which specifies that towers should be 7-10 feet higher than the reference tree. Higher towers would only be approved by special permit, be that there was found to be no significant detriment to the surrounding area or residents' quality of life. Taller towers have been approved in places where there is mountain and forest behind them, making them much less visible. At this height, the tower will be visible from White Hall to Batesville, Afton to FoxChase. Moreover, If approved, the applicant could also raise the tower twenty feet without further permission, making it 165 feet tall and about 100 feet in full view.

The Supreme Court of Virginia has upheld the Albemarle ordinance based on visibility and aesthetics. These rules are within the County's authority to uphold and must be done. Much of Crozet's appeal to homeowners lies in its small-town community feel, access to open spaces, and its expansive pastoral and mountain vistas. An enormous cell phone tower, planted within sight of Crozet and beyond, absolutely shatters these highly-prized views. When conducting our own home search in 2008, we specifically avoided any real estate that was in sight of power lines, for aesthetic reasons. Had there been cell phone towers in the area at the time, we would have declined to consider any properties within sight of these as well. A cell phone tower of this size and scope, built in such a centrally-located spot, will surely negatively impact the property values of those in the area.

Christopher Perez

From: Elaine Echols
Sent: Monday, June 11, 2018 10:06 AM
To: Christopher Perez
Subject: FW: Proposed WAHS Cell Tower

From: Amanda Alger <amanda_alger@hotmail.com>
Sent: Thursday, June 07, 2018 4:06 AM
To: Board of Supervisors members <bos@albemarle.org>; Planning Commission <PlanningCommission@albemarle.org>; crozetcac@googlegroups.com
Subject: Proposed WAHS Cell Tower

Dear Board of Supervisors, Planning Commission and CCAC members,

When I read Mike Marshall's 1/5/18 article in the Crozet Gazette that explained the "Federal Communication Commission rules prevent local governments from considering the possible health affects from cell towers when making decisions about approving them" at our CHILDREN'S school, I was shocked.

I started researching and reading articles - some that were very concerning and others that claimed cell towers are safe. I also reflected upon when cigarettes and thalidomide for morning sickness were considered safe and I realized as a mother of three (one in elementary, middle and high school next year) there simply doesn't exist definitive data that would assure me that my children will be safe with this cell tower next to them for most of their waking hours.

We know that cell towers and electrical lines negatively affect property values. Also, I believe the biggest reason people move to Crozet is for our schools. Will they want to move here with a school(s) that has a cell tower? The fact that they CAN'T consider scientific information that exists tells me that SOMEONE is more concerned with protecting business interests and growing an industry than they are about our community's children.

The height of the proposed tower, 145 feet, is more than 80 feet above the trees around it. It will be fully visible for more than it is screened. This is completely contrary to our county ordinance for tree top towers which specifies that towers should be 7-10 feet higher than the reference tree. Higher towers would only be approved by special permit, *if* there was found to be no significant detriment to the surrounding area or residents' quality of life. Taller towers have been approved in places where there is mountain and forest behind them, making them much less visible.

If approved, the applicant could also raise the tower twenty feet without further permission, making it 165 feet tall and about 100 feet in full view. The Supreme Court of Virginia has upheld the Albemarle ordinance based on visibility and aesthetics. These rules are within county authority to uphold.

I urge you to vote NO to this proposed cell tower for our children and our community.

Thank you,
Amanda Alger
Crozet, VA

Christopher Perez

From: Elaine Echols
Sent: Monday, June 11, 2018 10:05 AM
To: Christopher Perez
Subject: FW: [CCAC] Proposed WAHS Cell Tower

From: David Mitchell <david@southern-classic.com>
Sent: Thursday, June 07, 2018 2:27 PM
To: Board of Supervisors members <bos@albemarle.org>; Planning Commission <PlanningCommission@albemarle.org>; crozetcac@googlegroups.com
Cc: amanda_alger@hotmail.com
Subject: Re: [CCAC] Proposed WAHS Cell Tower

ALL, due to fat fingers and being on a cell phone my complete email did not get sent...here is my intended text

Dear BOS, PC and Fellow CCAC members,

SAFETY

From the American Cancer Society website...

"First, the energy level of radiofrequency (RF) waves is relatively low, especially when compared with the types of radiation that are known to increase cancer risk, such as gamma rays, x-rays, and ultraviolet (UV) light. The energy of RF waves given off by cell phone towers is not enough to break chemical bonds in DNA molecules, which is how these stronger forms of radiation may lead to cancer.

A second issue has to do with wavelength. RF waves have long wavelengths, which can only be concentrated to about an inch or two in size. This makes it unlikely that the energy from RF waves could be concentrated enough to affect individual cells in the body.

Third, even if RF waves were somehow able to affect cells in the body at higher doses, the level of RF waves present at ground level is very low – well below the recommended limits. Levels of energy from RF waves near cell phone towers are not significantly different from the background levels of RF radiation in urban areas from other sources, such as radio and television broadcast stations."

I encourage the PC and BOS to value the increase safety and lives saved through better cell coverage and 911 call/response.

PROPERTY VALUES

Full and redundant cell coverage is not just an amenity it a requirement and only increase property values.

I encourage the PC & BOS to support the cell tower at Western

Christopher Perez

From: Elaine Echols
Sent: Monday, June 11, 2018 10:03 AM
To: Christopher Perez
Subject: FW: [CCAC] Proposed WAHS Cell Tower

From: David Mitchell <david@southern-classic.com>
Sent: Thursday, June 07, 2018 2:14 PM
To: Board of Supervisors members <bos@albemarle.org>; Planning Commission <PlanningCommission@albemarle.org>; crozetcac@googlegroups.com
Cc: amanda_alger@hotmail.com
Subject: Re: [CCAC] Proposed WAHS Cell Tower

Just to add a few facts to this discussion

<https://www.cancer.org/cancer/cancer-causes/radiation-exposure/cellular-phone-towers.html>

David Mitchell
Please forgive brevity and spelling.
Sent from my Sprint Samsung Galaxy Note8.