



Minutes
City of Flagstaff
PLANNING & ZONING COMMISSION
4:00 PM– Wednesday, May 9, 2018

City of Flagstaff City Hall, Council Chambers 211 W Aspen Ave.

In compliance with the Americans with Disabilities Act, if you need assistance to participate in this meeting, please contact Tammy Bishop at (928) 213-2611 (or 774-5281 TDD). Notification at least 48 hours in advance will enable the City to make reasonable arrangements.



Pursuant to A.R.S. §38-431.02, notice is hereby given to the members of the Planning and Zoning Commission and to the general public that, at this meeting, the Planning and Zoning Commission may vote to go into executive session, which will not be open to the public, for legal advice and discussion with the City's attorneys for legal advice on any item listed on the following agenda, pursuant to A.R.S. §38-431.03(A)(3).

CALL TO ORDER – Commissioner Wheeler called the meeting to order at 4:00 p.m.

COMMISSION MEMBERS: **Present:**

Margo Wheeler-Chairman
Ed Dunn-Vice Chair
Marie Jones
David Zimmerman

Dr. Alex Martinez
Kyle Anticevich

Absent Excused: Edward Talkington

CITY STAFF: Tiffany Antol, Staff Liaison
Becky Cardiff, Recording Secretary

I. GENERAL BUSINESS

A. PUBLIC COMMENT

(At this time, any member of the public may address the Commission on any subject within their jurisdiction that is not scheduled before the Commission on that day. Due to Open Meeting Laws, the Commission cannot discuss or act on items presented during this portion of the agenda. To address the Commission on an item that is on the agenda, please wait for the Chair to call for Public Comment at the time the item is heard.)

None

B. APPROVAL OF MINUTES

1) Regular meeting of April 25, 2018.

Motion to approve the minutes from the regular meeting of April 25, 2018 as submitted **Moved by** Commissioner Zimmerman **Seconded by** Commissioner Anticevich Motion carried unanimously.

II. PUBLIC HEARING

A. VERIZON WIRELESS CELL TOWER

Address:	400 W Elm Ave
Assessor's Parcel Number:	100-01-007A
Property Owner:	Flagstaff School District 1
Applicant:	Pinnacle Consulting Inc.
Application Number:	PZ-17-00152-02
City Staff:	Elaine Averitt
Action Sought:	Conditional Use Permit

A Conditional Use Permit request by Sun State Towers and Verizon Wireless to allow installation of a new 74-foot tall wireless communications facility within the Public Facility (PF) Zone.

Ms. Antol gave a PowerPoint presentation on the proposed conditional use permit

Bob Kunz, Superintendent of FUSD, answered questions from Commissioners about proposed cell tower

Michelle Lamoureux, Pinnacle Consulting, answered questions from Commissioners

Steve Kennedy, Consultant for Verizon & Pinnacle, answered questions from Commissioners about coverage

Public Comment

Marla Novak, resident, expressed concern about emissions and other safety issues from the proposed cell tower and doesn't believe the site is a good fit

Kirsten Mellinger, resident, believes the placement of the cell tower is inappropriate in the middle of three schools, emissions, and the high structure around children

Samantha Field, resident, wanted to know if the band width would be the same if the tower was located at another nearby alternative site.

Public comment that was received via email is attached to the end of the minutes.

Ms. Lamoureux addressed the process of selecting a site and the consideration of other sites

Discussion was held on the proposed project

Mr. Kennedy answered the public question about band width at an alternative site.

Motion to approve the Conditional Use Permit PZ-17-00152-02 subject to two staff conditions and an additional condition to require written approval from the FCC that the tower meets their requirements for construction and operation and in accordance with the findings presented in the Staff report.

Moved by Commissioner Zimmerman **Seconded by** Commissioner Dunn Motion carried unanimously.

B. PROPOSED AMENDMENT TO THE CITY CODE

1. **Title 2, Boards and Commissions, Chapter 2-01, Planning and Zoning Commission:** Amend the *Duties and Functions* (2-01-001-0005-J) of the Planning and Zoning Commission to change their authority over Conditional Use Permit applications from giving approval to providing a recommendation to the City Council.

2. **Title 10, Flagstaff Zoning Code, Chapter 10-20, Administration, Procedures, and Enforcement:** Amend Sections 10-20.30.100.A.2, 10-20.40.050.C.4, 10-20.40.050.D, 10-20.40.050.E, 10-20.40.050.E.3, 10-20.40.050.F.1, 10-20.40.050.H.1.c, 10-20.40.050.H.1.d, 10-20.40.050.I, Figure A, Section 10-20.80.010.A, Section 10-20.80.010.C, Table 10-20.80.010.A, Section 10-20.80.030.A, Section 10-20.80.030.F, and Section 10-20.80.030.G to change approval authority for Conditional Use Permit applications from the Planning and Zoning Commission to the City Council.

Ms. Antol gave a PowerPoint presentation on the proposed text amendment with the two alternatives requested by the Commission at the last meeting.

Discussion was held on the two alternative proposals

Motion to recommend option 2 presented by Staff to City Council with the addition to require a quorum of City Council to request an appeal **Moved by** Commissioner Dunn **Seconded by** Commissioner Martinez Motion carried unanimously.

III. MISCELLANEOUS ITEMS TO/FROM COMMISSION MEMBERS

Next meeting will be held June 13th

ADJOURNMENT

Adjourned at 5:43 p.m.

Public Comments received by Staff via email:

Dear planning and zoning commission,

It was recently brought to my attention that there is a possibility of a cell phone tower being installed near Flagstaff Junior Academy's middle school campus. This campus is surrounded with many other schools. **As both a mother, engineer, and concerned community member I wanted to let you know I oppose this project moving forward.**

Not only would it be unsightly, but there is a dice game that's being played with children if it were to move forward. I understand that the current evidence may be considered inadequate to draw a firm conclusion about risk, but putting our precious, developing children at risk is something I'm not willing to entertain.

STUDIES THAT DEMONSTRATE A HEALTH RISK

In 2011 the International Agency for Research on Cancer (IARC), an arm of the World Health Organization, classified environmental exposures associated with transmission of signals for radio, television and [cell phone communication](#) as "possibly carcinogenic," based on an increased incidence of glioma, including glioblastoma, a highly malignant type of brain cancer, associated with them. The World Health Organization officially classifies electromagnetic radiation a [possible 2B carcinogen](#). (The same category as lead, DDT, and styrene.)

The following studies suggest short-term and long-term health risks within 300-400 meters of a cell tower. (Less than three-tenths of a mile)

- [Santini Study](#)

This is a compelling survey of 270 men and 260 women showing changes in symptoms in relation to cell tower proximity. Note the decrease in reported headaches the further from the cell site.

- [Kempton West Study \(2007\)](#)

Researchers measured blood levels of serotonin and melatonin in 25 participants before and after the activation of a new cell site. There were unfavorable changes in almost all participants.

- [Naila Study \(2004\)](#)

Researchers discovered a threefold increase in cancers after five years exposure to microwave radiation from a nearby mobile phone mast transmitter compared to those patients living further away.

- [France Questionnaire \(2003\)](#)

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Researchers in France found significant health effects on people living within 300 meters of mobile phone base stations. Fatigue, sleep disturbance, headaches, concentration problems, depression, memory problems, irritability, cardiovascular problems, hearing disruption, skin problems, dizziness, etc.

(As noted above current FCC regulations are based on thermal effects. Thanks to the [BioInitiative Report 2012](#) we now have a compilation of more than 1800 studies showing biological effects from non-ionizing radiation.

In May 2016, the U.S. government released preliminary findings for a \$25 million rat study linking cell phone radiation to cancer. See [NTP Study: Cell Phones and Cancer](#).

Thank you for taking the time to read my comments,

Renéa Atiemo

ReneaAtiemo@gmail.com

[Email received from Marla Novak:](#)

1996 Telecommunications Act Current standard we are subject to.

Look at the research since 1996:

2012 - World Health Organization Classifies Radio Frequency Magnetic Fields as Class Group 2B Carcinogen (At a minimum please listen at 4:15 - 5:00)
<https://www.youtube.com/watch?v=igQhKFhP2uU>

2012

Bioinitiative.org for more info.

2014 Short clip showing electromagnetic radiation from cell tower: EMF Safety Zone demonstration of radiation from Cell Towers
<https://www.youtube.com/watch?v=WaiXkXfbM98>

2015 10:02 minute video highlighting discussion about why Cell towers On school grounds are not safe: George Washington University Scientific Lecture Except:
<https://www.youtube.com/watch?v=NHcaTQDJvVk>

2015 Dr. Elizabeth Plourde discusses the damage electromagnetic frequencies can cause in the body, even down to the cellular level.
<https://www.youtube.com/watch?v=hXLuZEPbQgw>

2015 Dr. George Carlo - (initially hired by Wireless Industry to Show 'no harm' ; actually found there IS HARM) Doctor funded with \$28.5 million to investigate the safety of cell phones. <https://www.youtube.com/watch?v=5xjaxk6Qhm4>

2015 Barrie Trower: Microwave Energy Expert
<https://www.youtube.com/watch?v=pWvVeaxaWdE>

2016 DISTURBING speech about 5G technology ; confirming NO RESEARCH on biological effects will be done. <https://www.youtube.com/watch?v=Bwgwe01SIMc>

2016 Colorado Mother Worked With Community and Church to Assure Cell Antennas Declined at Church Near School <https://vimeo.com/173503021>
electromagnetichealth.org/electromagnetic-health-blog/a-miracle-in-fort-collins/

2017 Dr. Martin Pall, Professor Emeritus of Biochemistry and Basic Medical Sciences at Washington State University. Full paper can be found at: <https://ehtrust.org/wp-content/uploads/Pall-Letter-to-CalLegis-FINAL-8-7-17.pdf> Summary of biological effects to humans/animals:

1) Various neurological/neuropsychiatric effects, including changes in brain structure and function, changes in various types of psychological responses and changes in behavior. 2) At least eight different endocrine (hormonal) effects. 3) Cardiac effects influencing the electrical control of the heart, including changes in ECGs, producing arrhythmias, changes that can be life threatening. 4) Chromosome breaks and other changes in chromosome structure. 5) Histological changes in the testes. 6) Cell death (apoptosis, a process important in neurodegenerative diseases). 7) Lowered male fertility including lowered sperm quality and function ; lowered female fertility (less studied). 8) Oxidative stress. 9) Changes in calcium fluxes and calcium signaling. 10) Cellular DNA damage including single strand breaks and double strand breaks in cellular DNA and also 8-OHdG in cellular DNA.

11) Cancer which is likely to involve these DNA changes but also increased rates of tumor promotion-like events. 12) Therapeutic effects including stimulation of bone growth. 13) Cataract formation (previously thought to be thermal, now known not to be). 14) Breakdown of the blood-brain barrier. 15) Melatonin depletion and sleep disruption.

2017 (Note: Installation of this tower will automatically allow for expansion to 5G) 5G millimeter wave radiation dangers described by an expert. **These small cell transmitters will be located near every 2 to 10 homes, exposing your family to harmful, carcinogenic, neurotoxic, and genotoxic wireless radiation.**

https://www.youtube.com/watch?v=_Fi_0VTS-D8&t=68s

2017 How Wireless Technologies May Affect Childhood Development

<http://www.bioinitiative.org/how-wireless-technologies-may-affect-childhood-development/>

2017 Comment to the FCC on Docket 16-421 on Streamlining for Small Cell (Antenna) Rollout By Relaxing the Rules for Siting The FCC is proposing to 'streamline' the permitting process for small wireless facilities, without completing its investigation of RF health effects of low-intensity radio frequency radiation. The FCC proposal only speaks to promoting and expediting new RF sources under the guise of preventing 'unnecessarily time-consuming and costly siting review processes

" while ignoring the duty to adopt new public safety limits that are biologically relevant.

