

BOARD OF ALDERMEN

ITEM NO.: C(3)

AGENDA ITEM ABSTRACT

MEETING DATE: FEBRUARY 19, 2008

TITLE: A MINOR MODIFICATION TO THE CROWN CASTLE TELECOMMUNICATIONS TOWER CONDITIONAL USE PERMIT- 625 OLD FAYETTEVILLE ROAD

DEPARTMENT: PLANNING DEPARTMENT	PUBLIC HEARING: YES __ No <u>X</u>
ATTACHMENTS: A. RESOLUTION B. PLANS C. E-MAIL FROM TOWN CONSULTANT D. LAND USE PERMIT APPLICATION	FOR INFORMATION CONTACT: JAMES THOMAS- 918-7335

PURPOSE STATEMENT

Alltel has applied for a minor modification to the Crown Castle Telecommunications Tower located at 625 Old Fayetteville Road. Per Section 15-176 (15) of the Land Use Ordinance (LUO), additional antenna arrays located on existing towers must be approved through the minor modification process. The town staff requests that the Board of Aldermen approve the request regarding the minor modification.

INFORMATION

Alltel has applied for a minor modification to the Crown Castle Telecommunications Tower located at 625 Old Fayetteville Road. The proposed minor modification consists of adding a new antenna at the height of 147 feet to the tower as well as an expansion of the compound at the base of the tower. This expansion will be 37 feet by 16 feet and similar fencing that is at the compound will be installed as well as the installation of five (5) wax myrtle trees. With the expansion of the compound, 600 square feet of additional impervious surface will be added to the property, but the applicant will remove 600 square feet of impervious surface from the existing parking lot. In essence, there will be no net gain of impervious surface on this site.

Section 15-176 of the LUO contains certain requirements that pertain to towers, certain requirements that pertain to antennas and certain requirements that pertain to both. Sections 15-176 (3, 4, 5, 6, 10, 12, and 13) of the LUO are specifically applicable to the minor modification request. The applicant has supplied the Zoning Division a letter that satisfies the requirements of Section 15-176. The letter states that the antenna and equipment will not interfere with the use or operation of radios, televisions, telephones, etc. on adjoining or nearby properties. The applicant also states that no commercial advertising will be placed on the tower, no outdoor storage will take place on the site, equipment will be removed if unused for a period of six months or more, and that the site will not be used as an employment area (office) with the exception of periodic maintenance or monitoring.

In order to satisfy the requirements of Section 15-176 (6) of the LUO, the applicant has stated that the amount of EMF produced by the proposed antenna and equipment does not exceed the federally approved levels.

William Joines, the Town's cellular tower consultant, reviewed the proposed co-location and stated that the ground-level power density produced by all transmitters on the tower would be well below approved safety guidelines (**Attachment C**).

The information presented on the plans and in the letters demonstrates compliance with the requirements of the LUO for minor modifications to existing towers. As a result, the Administration recommends that the Board of Aldermen approve the minor modification to the Crown Castle Telecommunications Tower located at 625 Old Fayetteville Road to allow Alltel to install an additional antenna on the tower and expand the compound by 37 feet by 16 feet to allow the installation of equipment at the base of the tower and for future co-location.

RECOMMENDATION

The town staff recommends that the Board of Aldermen adopt the attached resolution (**Attachment A**) approving the minor modification to the Crown Castle Telecommunications Tower located at 625 Old Fayetteville Road to allow Alltel to install an additional antenna on the tower and to expand the compound by 37 feet by 16 feet to allow the installation of equipment at the base of the tower and for future co-location.