



## PLANNING & COMMUNITY DEVELOPMENT



P.O. Box 905  
1048 Carriage Oaks Drive  
Carthage, NC 28327  
Planning: 910-947-5010  
Central Permitting: 910-947-2221  
Fax: 910-947-1303  
www.moorecountync.gov

### FREESTANDING NON-CONCEALED WIRELESS COMMUNICATION FACILITIES (WCF) APPLICATION

NON-CONCEALED APPLICATION FEE ENCLOSED (\$1,000.00)

#### Applicant Information

Applicant Name: \_\_\_\_\_ Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Office Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Applicant Classification:  Commercial Wireless Provider  Governmental User  Private Business User

Is this a joint application by two or more wireless service providers?  YES  NO

If this is a joint application, please attach contact information for each additional applicant.

#### Parcel Information

LRK #: \_\_\_\_\_ Zoning District: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

#### Landowner Information

Landowner Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

#### WCF Owner Information

Owner Name: \_\_\_\_\_ Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Office Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

#### WCF Facility Information

Street Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

Support structure height: \_\_\_\_\_ Ground elevation (ASML): \_\_\_\_\_

Support structure description:  Monopole  Self Supporting Lattice Tower  Guyed Tower  Other

Height of proposed co-location (AGL): \_\_\_\_\_ Additional co-locations available?  YES  NO

Number of co-location slots available: \_\_\_\_\_

**Application Requirements** - Numbers in parenthesis reference sections in Moore County Unified Development Ordinance [Article 14 – Wireless Communication Facilities](#).

Application Submittal Requirements. (14.2)

- Affidavit by radio frequency engineer. (14.2.101)
- Owner’s agent authorization. (14.2.102)
- Radio frequency emissions statement. (14.2.103)
- Potential visual aesthetic impacts statement. (14.2.104)
- Radio frequency analysis. (14.2.105)
- Details of existing and proposed facilities. (14.2.106)
- State Historic Preservation Office (SHPO) letter. (14.2.107)
- National Environmental Policy Act (NEPA) checklist. (14.2.108)
- FAA approval. (14.2.109)  
TOWAIR?  Yes  No Determination of No Hazard?  Yes  No
- US Fish and Wildlife Service submitted information. (14.2.1010)
- Radio frequency analysis certification. (14.2.201)
- Co-located radio frequency interference analysis. (14.2.202)
- Performance bond equal to written estimate from qualified tower removal contractor and copies of written estimates that were used to calculate the bond amount. (14.2.302)
- List of adjacent or abutting property owners. (14.2.401)
- List of other affected property owners. (14.2.402)
- Cost of Postage for mailings. (14.2.401, 14.2.402) Postage sufficient to notify all “adjacent or abutting” and “other affected” property landowners **FOR TWO MAILINGS**. (One for Planning Board meeting, and one for Board of Commissioners meeting.) The rate for postage FOR EACH CERTIFIED MAIL LETTER is \$6.49. This includes \$3.30 (certified mail) plus \$2.70 (return receipt) plus \$0.49 (first class stamp).
- Structural integrity certification by a registered professional engineer licensed in the Sate of North Carolina on plans. (14.2.501)
- Design structural failure modes statement. (14.2.502)
- Intended Service Providers. (14.2.503)
- Fall zone radius in Master Site Plan. (14.2.504)
- Proposed maximum height. (14.2.505)
- Visual impact study. (14.2.506)
- Site plans including: (14.2.507)
  - Three sets (24” x 36”) of signed and sealed site plans including support structure elevations, and landscape plans, if required.
  - 1 letter size copy (8 1/2” x 11”) and / or ledger size copy (11” x 17”).
  - 1 electronic version of the plans in .pdf file format.
- Certificates of insurance. (14.2.508)
- Search ring information. (14.2.509)

### General Development Standards. (14.3)

- Use permitted in Permitted Uses Table?(14.3.1)  Yes  No
- Equipment Cabinet screened? (14.3.2)  Yes  No
- Generators? (14.3.3)  Yes  No
- Fencing meets requirements? (14.3.4)  Yes  No
- Access meets requirements? (14.3.5)  Yes  No
- Signage meets requirements? (14.3.6)  Yes  No
- Lighting meets requirements? (14.3.7)  Yes  No
- Equipment compound meets requirements? (14.3.8)  Yes  No
- State and Federal code conformance? (14.3.9)  Yes  No

### Freestanding Non-concealed WCF. (14.5)

- Determination of need. (14.5.2)
- Designed for maximum co-location. (14.5.3) 5 Arrays?  Yes  No
- Designed for Non-Concealed Co-location, if applicable. (14.5.4)
  - Is tower  $\leq 195$  in height?  Yes  No If yes, then it must be Monopole design. (14.5.401)
  - Is tower  $\leq 80$ ?  Yes  No If yes, then it must be engineered and constructed to accommodate no less than 2 antenna arrays. (14.5.402)
  - Is tower between 81' and 100'?  Yes  No If yes, then it must be engineered and constructed to accommodate no less than 3 antenna arrays. (14.5.403)
  - Is tower between 101' and 125'?  Yes  No If yes, then it must be engineered and constructed to accommodate no less than 4 antenna arrays. (14.5.404)
  - Is tower greater than 125'?  Yes  No If yes, then it must be engineered and constructed to accommodate no less than 5 antenna arrays. (14.5.405)
- Must meet minimum lot size standard of underlying zoning districts in Article 6. (14.5.5)
- Minimize visual profile. (14.5.6)
- Minimize grading. (14.5.7)
- Safety certification. (14.5.8)
- Must meet setbacks in WCF Setbacks table. (14.5.901)

### Landscaping Requirements. (14.5.10)

- Trees and shrubs, if applicable. (14.5.1001)
- Additional trees, if applicable. (14.5.1002)
- Detailed site plan, if applicable. (14.5.1003)
- Note on landscape plan: "All required landscaping shall be installed according to established planting procedures using good quality plant materials." (14.5.1004)
- Note on landscape plan: "No certificate of occupancy shall be issued until the required landscaping is completed in accordance with the approved landscape plan as certified by an on-site inspection by the Planning Director and/or Zoning Administrator. When the occupancy of a structure is desired prior to the completions of the required landscaping, a certificate of occupancy shall be issued only if the owner or developer provides to the County a form of surety bond in an amount equal to the remaining plant materials, related materials and installation costs." (14.5.1005)

- Note on landscape plan: “All required landscaping must be installed and approved by the first planting season following issuance of the certificate of occupancy or the surety bond will be forfeited to the County.” (14.5.1006)
- Note on landscape plan: “The owners and their agents shall be responsible for providing, protecting and maintaining all landscaping in healthy and growing conditions, replacing unhealthy or dead plant materials within one (1) year or by the next planting season, whichever comes first. Replacement material shall conform to the original intent of the landscape plan.” (14.5.1007)

Height Requirements. (14.5.11)

- Maximum height for RA and B-1 zoning districts, if applicable. (14.5.1101)
- Maximum height limits of other zoning districts. (14.5.1102)
- Must demonstrate that greater height is necessary, if applicable. (14.5.1103)
- Additional height considerations. (14.5.1104)
- Height considerations. (14.5.1105)
- Building Code Council approval, if applicable. (14.5.1106)

Antenna Support Structure. (14.5.12)

- Monopole?
  - Yes.
  - No. If no, demonstrate that such design is not feasible to accommodate the intended uses.

Neighborhood Meeting. (14.5.13)

- Proof that neighborhood meeting was held. (14.5.1301)
- Preliminary concept plan. (14.5.1302)
- Notice of neighborhood meeting. (14.5.1303)
- Notice to adjacent owners. (14.5.1304)
- Notice to owners of properties within ¼ mile radius of proposed tower site. (14.5.1305)

**ENDORSEMENT**

The applicant certifies that all statements, certifications, and representations supplied in this application are true and correct and that the person signing this application is duly authorized to execute this application and otherwise to act on the applicant’s behalf with respect thereto:

Printed name: \_\_\_\_\_

Dated this \_\_\_\_ day of \_\_\_\_\_, 20\_\_

Signature \_\_\_\_\_

Title: \_\_\_\_\_