



**Towers and Related Equipment/Antenna Co-Locations on
Existing Towers 2024
(2021 International Building Code)**

PIN: _____

Cell Tower Address: _____

Project Name: _____

Description of work:

Tower Height _____ feet
(Highest point of any portion of tower or equipment)

New Antenna Height _____ feet
(Height of center of the new array above grade)

Latest Aeronautical Study # _____ -AGL- _____ -OE

Lat. 4 . _____ Long. 8 8. _____ Center of Tower
(Decimal Format) (Decimal Format) (Proposed or Actual Survey)

Landowner: _____

Address: _____

Tower Owner: _____

Address: _____

	<u>Existing</u>	<u>New</u>	<u>Height</u>
1. Antenna owner: _____ (Top of Tower)	_____	_____	_____
Address: _____			
2. Antenna owner: _____ (2nd From Top)	_____	_____	_____
Address: _____			
3. Antenna owner: _____ (3rd From Top)	_____	_____	_____
Address: _____			

(Additional antenna information may be submitted on a separate sheet of paper)

REQUIRED SUBMITTALS AT TIME OF APPLICATION:

1. **Building Permit Application.**
2. **Building plans for all structures to be erected.** All documents to be sealed by an Illinois Licensed Architect or Structural Engineer, (as applicable) and dated. Complete drawings and specifications of all new & existing must include the following:
 - A. **Information block** (see next page)
 - B. **Architectural site improvement plans**, including Latitude and Longitude (in decimal format), all lot lines, fall zone for the tower, existing structures, all structure setbacks to the lot lines, parking layouts, tower color, any required landscaping plan/privacy fence, and general grading. In order to expedite the plan review process and identify key technical code issues, please have the design professional (architect/structural engineer of record) complete the box on this page and have the same information blocked on the first sheet of the construction drawings.
 - C. **Structural layouts, foundations, sections, and calculations for the tower and equipment shed/cabinet** sealed by an IL. Licensed Architect or Structural Engineer.

For Co-location on Existing Cell Tower:

Include the structural analysis (Sealed by an IL. Structural Engineer), copy of plat of survey, copy of the signed lease agreement between co-location company and the owner of the tower & landowner if additional ground lease is applicable, copy of access permit (if crane is being used), copy of the site's FAA Airspace analysis (if the tower height is being exceeded) or the FAA 2C Survey letter for the existing tower, copy of site plan, building plans, this Co-Location handout form and building permit application.

For New Cell Tower:

Include copy of sealed soil report for proposed site (with report ID number), for equipment enclosures-copy of all prints (including foundation design being used –correlated to the number of the sealed soil report) (If helical anchors – furnish a letter from firm installing anchors that anchors will be properly sized and installed based on helical design and existing soil conditions at the proposed site), copy of the structural analysis (Sealed by an IL. Structural Engineer), building plans for the new tower (including foundation design being used – correlated to the number of the sealed soil report), copy of access permit (approval of driveway approaches and access points from the appropriate agency. State of Illinois Dept. of Transportation (847-705-4000), Kane County Dept. of Transportation (630-584-1170) or the local Township Highway Commissioner) (IF CRANE IS BEING USED), plat of survey of the property, legal description of property leased for tower/equipment site, copy of the signed lease agreement (ground lease with land owner and the tower owner), copy of the FAA Airspace Analysis, Building Permit application, the Tower and Related Equipment / Antenna Co-location on Existing Towers handout and copy of the site plan (Include Latitude & Longitude (In decimal format), all lot lines, all structure setbacks for existing and new structures to the lot lines, fall zone for the tower, and all required landscaping / privacy fence plans for the ground lease area for the tower)

NOTE: If a generator is to be installed on site or within a building, it is the applicant's responsibility to notify the servicing Fire Protection District. You will be required to comply with any additional requirements that they may have concerning the project. It is also the applicant's responsibility to contact the OSFM and the IEPA and comply with any requirements concerning the use of above ground or below ground storage tanks.

("INFORMATION BLOCK")

In order to expedite the plan review process and identify key technical code issues, please have the design professional (architect/structural engineer of record), complete the following information and have the same information blocked on the first sheet of the construction drawings

2021 IBC

USE GROUP: UTILITY

CONSTRUCTION TYPE: 2B

1. **DESIGN LOAD:** BASIC WIND _____ MPH - EXPOSURE C
2. **WIND & ICE:** _____ MPH INCHES OF ICE _____
3. **TWIST AND SWAY:** _____ MPH
4. **TOWER HEIGHT:** _____ FEET

(HIGHEST POINT ABOVE GROUND LEVEL OF ANY PORTION OF THE TOWER OR EQUIPMENT)

5. **NEW ANTENNA HEIGHT:** FEET _____ (MOUNTING HEIGHT)
6. **TOTAL NUMBER OF PARKING SPACES:** 1
7. **LATITUDE-** 44. _____
8. **LONGITUDE-** 88. _____

(For Existing Tower Provide Decimal Format of Latitude & Longitude to Center of Tower)

9. **AERONAUTICAL STUDY #** _____ **-AGL-** _____ **-OE**
10. **AERONAUTICAL STUDY #** _____ **-AGL-** _____ **-OE**

Zoning Requirements – per Kane County Ordinance 98-45 & State of Illinois 55 ILCS 5/5-12001 as amended by SB 1109. Include a tree survey and replacement plan, the fall zone for the tower, any required landscaping/ privacy fence plan, and tower color (Beige, if required).

Contact the Zoning Dept. for further requirements – 630-232-3494

Water Resources Ordinance – a Storm-water Permit or Floodplain Information may be required.
Contact the Water Resources Dept. for further requirements – 630-444-1174