



**REQUEST FOR BOARD ACTION**  
Community Development

**AGENDA SECTION:** First Reading – ZPS  
**SUBJECT:** Resolution Adopting Written Design Standards for Small Wireless Facilities - Request by the Village of Hinsdale  
**MEETING DATE:** March 5, 2019  
**FROM:** Chan Yu, Village Planner

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**Recommended Motion**

Move to Approve a Resolution adopting written Design Standards for Small Wireless Facilities.

**Background**

On September 4, 2018, the Village Board approved an ordinance (O2018-38) providing for the regulation and application for small wireless facilities in order to regulate the permitting and deployment of small wireless facility installations consistent with the requirements of the Small Wireless Facilities Deployment Act (the "Act"), which was signed into law on April 12, 2018, as Public Act 100-0585 (Attachment 2). The Act provides the regulations and process for permitting and deploying small wireless facilities within rights-of-way and on private property throughout Illinois (excluding Chicago). Per the Act, the Village can impose collocation requirements to ensure compliance with certain design standards.

The proposed General Guidelines and Small Wireless Facility Design, Stealth and Concealment Standards would assist applicants with understanding the Village's objectives to preserve the character of the neighborhoods in which facilities are installed and prevent visual blight. A document such as this is particularly important for the Village, and helpful for applicants because all municipalities are spatially unique and have different regulations. Telecommunication companies and its third party subcontractors install equipment nationwide and would benefit to understand guidelines prior to designing and applying for a permit in each municipality.

**Discussion & Recommendation**

N/A

**Village Board and/or Committee Action**

N/A

**Documents Attached**

Draft Resolution

1. General Guidelines and Small Wireless Facility Design, Stealth and Concealment Standards (Resolution Exhibit A)
2. Ordinance O2018-38 Amending the Village Code of Hinsdale Relative to the Permitting, Regulation and Deployment of Small Wireless Facilities (approved on September 4, 2018)

RESOLUTION NO. \_\_\_\_\_

**RESOLUTION ADOPTING WRITTEN DESIGN STANDARDS FOR SMALL  
WIRELESS FACILITIES**

**WHEREAS**, Public Act 100-585, known as the Small Wireless Facilities Deployment Act, acts to impose certain additional requirements on municipalities, including the Village, regarding the permitting, construction, deployment, regulation, operation, maintenance, repair and removal of certain defined small wireless facilities both within public rights-of-way and in other locations within the jurisdiction of the Village; and

**WHEREAS**, Title 13 (Telecommunications) of the Village Code of Hinsdale has been previously amended by the Board of Trustees by adding a new Chapter 8 (Small Wireless Facilities), in order to regulate the permitting, construction, deployment, regulation, operation, maintenance, repair and removal of small wireless facilities within the Village in conformance with the Small Wireless Facilities Deployment Act; and

**WHEREAS**, both the Small Wireless Facilities Deployment Act and Chapter 8 of Title 13 of the Village Code of Hinsdale, as well as rules adopted by the Federal Communications Commission relative to the deployment of small wireless facilities, authorize the adoption of written design standards governing the installation of small wireless facilities and associated wireless support structures within the Village; and

**WHEREAS**, the President and Board of Trustees of the Village find it to be in the best interests of the Village to adopt, as the written design standards of the Village, the General Guidelines and Small Wireless Facility Design, Stealth and Concealment Standards for small wireless facilities attached hereto as **Exhibit A** and made a part hereof.

**NOW, THEREFORE, BE IT RESOLVED** by the President and Board of Trustees of the Village of Hinsdale, DuPage and Cook Counties and State of Illinois, as follows:

**SECTION 1:** Each of the recitals in the Whereas paragraphs set forth above are incorporated into Section 1 of this Resolution.

**SECTION 2:** The General Guidelines and Small Wireless Facility Design, Stealth and Concealment Standards attached hereto as **Exhibit A** and made a part hereof are hereby approved and adopted as the written design standards of the Village. These standards, once adopted, may be amended at the direction of the Village Manager as deemed necessary without further Board of Trustees review or approval, so long as such amendments are consistent with the purpose and intent of Chapter 8 (Small Wireless Facilities), Title 13 (Telecommunications) of the Village Code of Hinsdale.

**SECTION 5:** This Resolution shall be in full force and effect from and after its passage and approval.

**ADOPTED** this \_\_\_\_\_ day of \_\_\_\_\_, 2019,  
pursuant to a roll call vote as follows:

**AYES:** \_\_\_\_\_

**NAYS:** \_\_\_\_\_

**ABSENT:** \_\_\_\_\_

**APPROVED** by me this \_\_\_\_\_ day of \_\_\_\_\_, 2019,  
and attested to by the Village Clerk this same day.

\_\_\_\_\_  
Thomas K. Cauley, Jr., Village President

ATTEST:

\_\_\_\_\_  
Christine M. Bruton, Village Clerk

**EXHIBIT A**

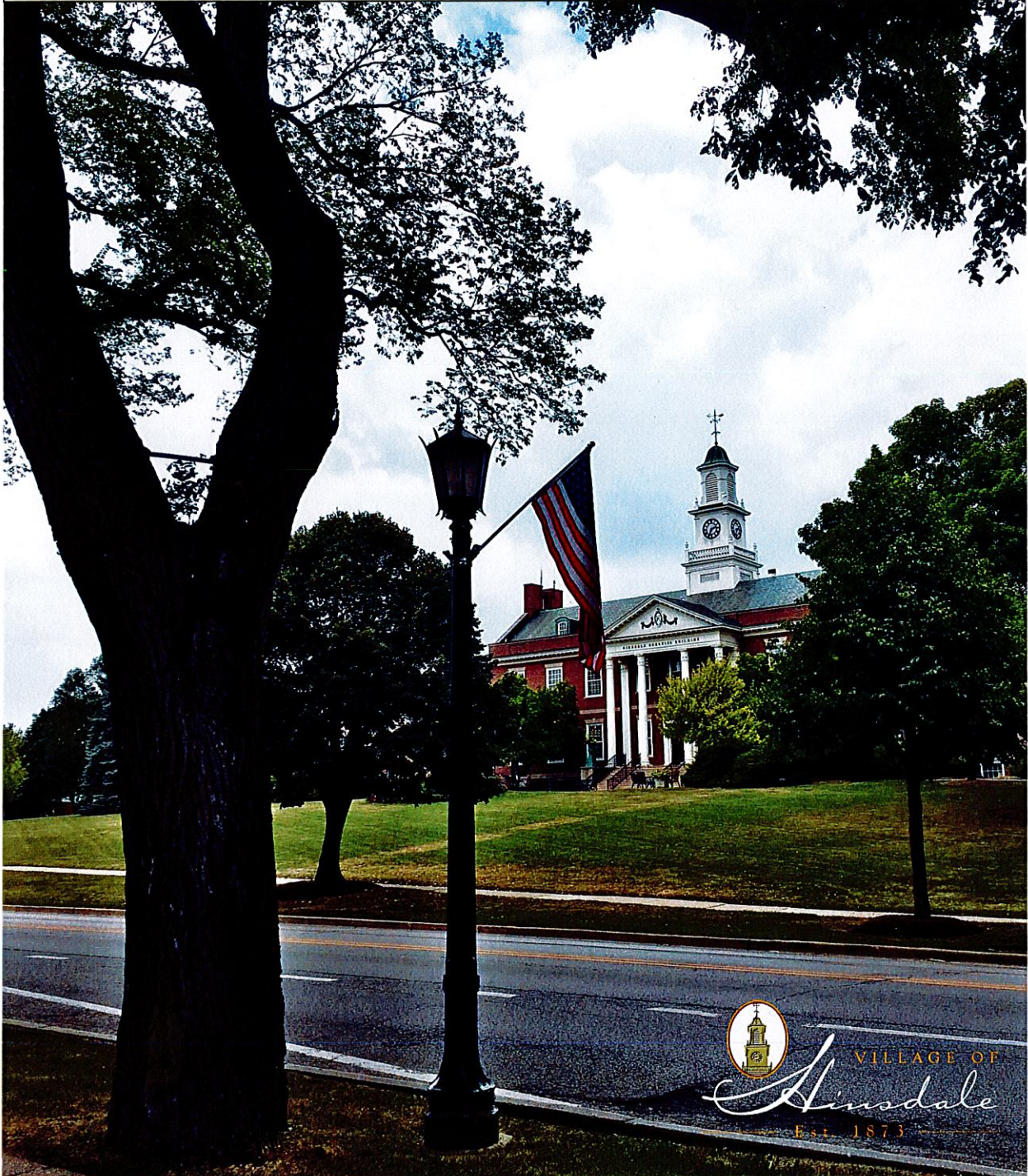
**GENERAL GUIDELINES AND SMALL WIRELESS FACILITY DESIGN, STEALTH AND  
CONCEALMENT STANDARDS**

**(ATTACHED)**



**DRAFT 9-24-18 – Village of Hinsdale**

**General Guidelines and Small Wireless Facility Design, Stealth and Concealment Standards**



## **DRAFT 9-24-18**

### **General Guidelines and Small Wireless Facility Design, Aesthetic, Stealth and Concealment Standards**

The following general guidelines and design, aesthetic, stealth and concealment standards apply to the placement of small wireless facilities within the Village. Small wireless facilities are generally regulated by Title 13 (Telecommunications), Chapter 8, Small Wireless Facilities of the Village Code and all terms used herein are as defined in that Chapter.

**General Standards.** Every small wireless facility collocation shall comply with the following standards.

#### **A. Small Wireless Facilities**

1. Antennas shall be mounted no less than twelve (12) feet above ground level, as measured to lowest most point of the installation.
2. Antennas shall, to the extent technically feasible, be designed and installed to appear hidden within the utility pole or to appear like an original part of the utility pole or wireless support structure.
3. Each antenna not hidden within a utility pole shall be located entirely within a shroud enclosure not more than six (6) cubic feet in volume that is capable of accepting paint to match the approved color of the small wireless facility. In the case of an antenna that has exposed elements, the antenna and all of its exposed elements shall be able to fit within an imaginary enclosure of no more than six (6) cubic feet.
4. Top-mounted antennas and their enclosures shall not extend beyond the diameter of the utility pole or wireless support structure at the level of the antenna attachment unless otherwise approved by the Village Engineer and/or Village Planner. There must be a smooth transition between the utility pole and antenna and enclosure. See Section H, Exhibit 1.
5. Side-mounted small wireless facility antennas within a shroud enclosure and side-mounted small wireless facility equipment enclosures shall be, if possible, flush mounted to the utility pole or wireless support structure at the level of the attachment. If not flush mounted, metal flaps or "wings" shall extend from the enclosure to the utility pole or wireless support structure to conceal any gap between the between the small wireless facility and the utility pole or wireless support structure. The design of the flaps shall be integrated

with the design of the small wireless facility, and shall be the same color. See Section H, Exhibits 3A, 3D & 3E.

6. Small wireless facilities located on street light poles or traffic control structures shall not block light emanating from the street light fixture or otherwise interfere with the purpose of the street light fixture or traffic control structure.
7. Small wireless facilities shall be attached to the utility pole or wireless support structure using rigid steel clamping mounts or stainless steel banding to the exterior of any metal pole. All mounts and banding shall be of the same color as the utility pole or wireless support structure, except as otherwise approved by the Village Engineer and/or Village Planner. Care should be taken to integrate the mounting elements into the small wireless facility design. Through-bolting or use of lag bolts on Village-owned utility poles is prohibited.
8. For attachments to existing utility poles, wires serving the small wireless facility shall be concealed within the hollow interior of the utility pole, or if concealment is not technically feasible, flush mounted to an existing utility pole in an enclosed wire chase on which the facilities are collocated, which is painted or otherwise colored to match the existing pole. For new utility poles or wireless support structures, wires serving the small wireless facility shall be concealed within the hollow interior of the utility pole or wireless support structure, except as otherwise approved by the Village Engineer and/or Village Planner. See Section H, Exhibits 3A thru 3E.
9. All small wireless facilities shall be installed in accordance with all applicable Village codes. No wiring or cabling shall interfere with any existing wiring or cabling installed by the Village, a utility or a wireless services provider.
10. No guy or other support wires will be used in connection with a small wireless facility unless the small wireless facility is to be attached to an existing utility pole or wireless support structure that incorporates guy wires prior to the date the applicant has applied for a permit.
11. The small wireless facility, including the antenna, and all related equipment when attached to an existing or new utility pole or wireless support structure, must be designed to withstand a wind force and ice loads in accordance with the applicable standards established in Article 25 of the National Electric Safety Code for utility poles, Rule



250-B and 250-C standards governing wind, ice, and loading forces on utility poles, in the American National Standards Institute (ANSI) in TIA/EIA Section 222-G established by the Telecommunications Industry Association (TIA) and the Electronics Industry Association (EIA) for steel wireless support structures and the applicable industry standard for other existing structures. For any small wireless facility attached to a Village-owned utility pole or, in the discretion of the Village, to a non Village-owned utility pole or wireless support structure, the operator of the small wireless facility must provide the Village with a structural evaluation of each specific location containing a recommendation that the proposed installation passes the standards described above. The evaluation must be prepared by a professional structural engineer licensed in the State of Illinois.

12. The Village will not authorize any attachments of small wireless facilities to a Village-owned utility pole that negatively impacts the structural integrity of the pole. The Village may condition approval of the collocation on replacement or modification of the Village-owned utility pole if necessary to meet Village standards.
13. Small wireless facilities shall be located in a manner that meets the Americans with Disabilities Act of 1990 and does not obstruct, impede or hinder the usual pedestrian or vehicular path of travel.
14. Small wireless facilities collocated on Village-owned utility poles may not use the same power or communication source providing power and/or communication for the existing infrastructure. The wireless provider shall coordinate, establish, maintain and pay for all power and communication connections with private utilities.
15. A four (4) inch by six (6) inch plate with the wireless provider's name, location identifying information, and emergency telephone number shall be permanently fixed to the small wireless facility equipment enclosure or shroud.
16. Small wireless facility equipment shall not be mounted on any Village-owned ornamental street lights in the B-2 Central Business District, or in any Historic District.
17. Small wireless facility equipment not mounted on a utility pole or wireless support structure shall be installed underground. If undergrounding is not possible, landscaping shall be required to help mitigate the effects of the installation of any ground-mounted

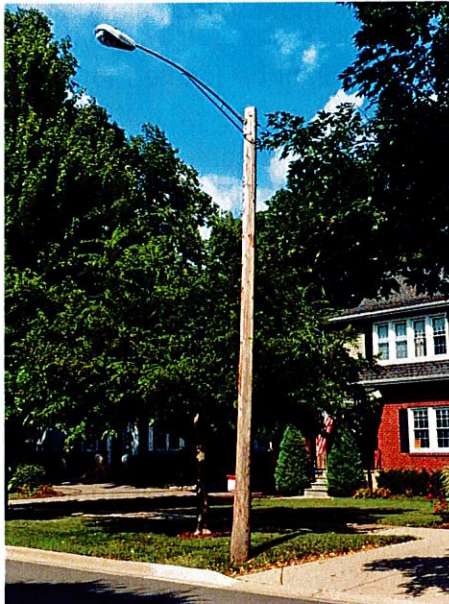
equipment. All ground-mounted equipment must be fully screened at all times.

## **B. Replacement of Existing Street Light Poles**

The following standards apply when replacing an existing street light pole (including ornamental lights) with a combination small wireless facility and street light pole. Such replacements should only be located where an existing street light pole can be removed and replaced, or at a new location where it has been identified that a street light is necessary. All such replacements shall meet the following standards:

1. All replacement street light poles shall be a similar design, material, and color as the replaced existing street light pole and other poles within the immediate area, unless an alternative design is approved by the Village Engineer and/or Village Planner. See Below. Note the difference between a typical street light and ornamental light.

Typical Street Light



Typical Ornamental Light



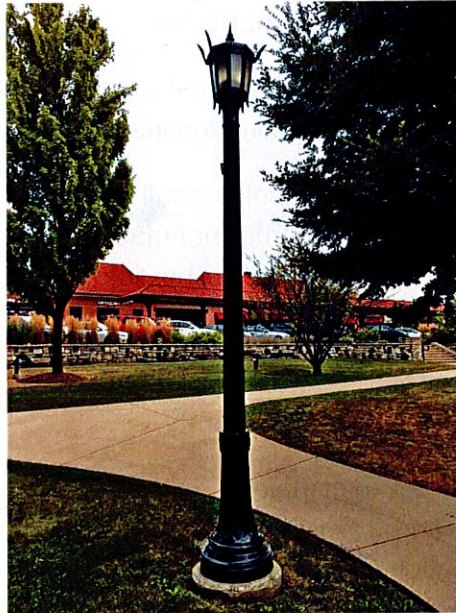
2. All replacement street light poles and foundations for each shall conform to the Village's standards and specifications for street light design and construction.
3. Replacement street light poles shall be an equal distance from other street light poles based upon the average distance between existing street light poles within the designated area.

4. Street light poles shall be designed and engineered to support a luminaire and mast arm of length equal to that of the existing pole to be replaced or of a length approved by the Village Engineer and/or Village Planner based upon the location of the replacement street light pole.
5. All luminaires and mast arms shall match the arc and style of the original luminaire and mast arm, unless otherwise approved by the Village Engineer and/or Village Planner.
6. The replacement luminaire and mast arm shall be at the same height above the ground as the existing luminaire and mast arm.
7. All replacement street light poles shall have new light emitting diode (LED) light fixtures of the same manufacturer, model and light output as the removed fixture and nearby light fixtures, or as otherwise approved by the Village Engineer and/or Village Planner.
8. Replacement street light poles shall have a five (5) year manufacturer's replacement warranty.
9. Replacement street light poles shall meet American Association of State Highway and Transportation Officials structural guidelines for roadway applications and the American National Standards Institute requirements for vibrations.
10. Street light pole height shall be measured from the ground to the top of the street light pole.
11. All replacement street light pole heights shall be consistent with those of existing street lights.
12. The small wireless facility components shall be sized appropriately to the scale of the street light pole.
13. A decorative transition shall be installed over the equipment enclosure upper bolts, or a decorative base cover shall be installed to match the equipment enclosure size. All hardware connections shall be hidden from view. Each street light pole component shall be architecturally compatible to create a cohesive aesthetic.
14. Replacement street light poles shall continue to be owned by the Village.



15. Existing ornamental light poles must be replaced with matching poles with respect to design and size. (See next page).

Typical Ornamental  
Light



Typical Ornamental Light  
with Appurtenance



**C. Installation of New Wireless Support Structures, Where Allowed.**

1. A new wireless support structure shall be designed to minimize the visual and aesthetic impact of the new vertical element and associated small wireless facilities upon the surrounding area and shall blend in with the surrounding streetscape with minimal visual impact. The Village may require a new wireless support structure to be constructed of a specific material that will enhance the stealth and concealment of the structure.
2. New wireless support structures shall match the design, size, material and color of existing utility poles, including street light poles and ornamental lights, within the immediate area, except as otherwise approved by the Village Engineer and/or Village Planner.
3. Within residentially zoned areas, new wireless support structure installations shall be located where the shared property line between two residential parcels intersect the right-of-way whenever possible,

unless an unsafe condition, cluttered appearance, or other violation of these standards will result.

4. New wireless support structures shall be equal distance from other utility poles based upon the average distance between existing utility poles within the designated area. If a new wireless support structure cannot be located the average distance from other utility poles, a new wireless support structure may be approved if such wireless support structure is designed as a stealth pole and the design and location is approved by the Village Engineer and/or Village Planner .
5. The centerline of a new wireless support structure shall be in alignment with existing utility poles where present, or with street or parkway trees along the same side of the right-of-way.
6. New wireless support structures shall be located a minimum of twelve (12) feet from driveway aprons unless otherwise approved by the Village Engineer and/or Village Planner.
7. New wireless support structures shall be sited outside the critical root zone of existing trees having a six (6) inch diameter at breast height located in the immediate vicinity.
8. The outside diameter of any new wireless support structure shall not exceed the diameter of existing utility poles located within 300 feet of the location of the new wireless support structure.
9. New wireless support structures shall not exceed the heights as authorized by Section 13-8-8 of the Village Code.
10. New wireless support structures shall be round in shape with a smooth pole shaft, the exception being when being installed adjacent to, or nearby ornamental lights. In this case, the support structure shaft shall be similar in shape to the existing ornamental lights and of a design approved by the Village Engineer and/or Village Planner.
11. New wireless support structures incorporating pole-mounted small wireless facilities shall be uniformly tapered in diameter from the base to the top, with a maximum diameter of twelve (12) inches at the base and a maximum diameter of eight (8) inches at the top, unless an alternative design is approved by the Village Engineer and/or Village Planner. Incorporation of equipment within an equipment enclosure in the base or other portion of the pole is preferred.



12. New wireless support structures incorporating small wireless facilities in an equipment enclosure within a base may utilize poles tapered in diameter or poles having a consistent outside diameter, unless an alternative design is approved by the Village Engineer and/or Village Planner.
13. All new wireless support structures must be supported with a reinforced concrete foundation designed, stamped, sealed and signed by a professional engineer licensed and registered in the State of Illinois, and subject to the Village Engineer's and/or Village Planner's approval. Optionally, screw in foundations are acceptable with stamped and sealed drawings from a professional engineer licensed and registered in the State of Illinois, and subject to the Village Engineer's and/or Village Planner's approval.
14. All anchor bolts must be concealed from public view, with an appropriate pole boot or cover powder-coated to match the wireless support structure color.
15. If multiple requests are received to install two (2) or more wireless support structures in approximately the same location, in a manner that would violate these requirements or other Village requirements, the Village shall resolve such conflict through whatever reasonable and nondiscriminatory manner it deems appropriate.

**D. Stealth and Concealment Requirements.**

Wireless providers shall comply with the design and construction standards that are generally applicable to utility installations in the public right-of-way, as set forth Title 13, Telecommunications of the Village Code, in Chapter 7-1G of the Village Code, Construction of Utility Facilities in Rights-of-Way, as well as these standards, any other written design standards for decorative utility poles, or reasonable stealth, concealment, and aesthetic requirements that are otherwise identified by the Village in an ordinance, written policy adopted by the Village Board of Trustees, in the Village's comprehensive plan, or in another written design plan that applies to other occupiers of the rights-of-way, including on a historic landmark or in a historic district and any requirements adopted pursuant to the Illinois State Agency Historic Resources Preservation Act, or the National Historic Preservation Act of 1966, 54 U.S.C. Section 300101 et seq., and the regulations adopted to implement those laws. In addition:

1. The use of stealth technology in the location and construction of small wireless facilities is required whenever and wherever possible. Stealth technology means using the least visually and physically intrusive design and equipment that is not technologically or commercially impracticable under the facts and circumstances, to employ methods that blend into surroundings and not be visible; and to minimize adverse aesthetic and visual impacts on the right-of-way, property, building and/or other facilities adjacent to, surrounding and in generally the same area as the requested location of such small wireless facilities.
2. Small wireless facilities, including but not limited to antennas, equipment enclosures, mounting brackets and hardware, mounting posts, cables, and shrouds, shall be of a color that is identical to the utility pole or of a neutral color compatible with the color of the utility pole and any surrounding elements so as to camouflage or conceal their appearance, create consistency among right-of-way infrastructure, and to make such small wireless facilities as unobtrusive as possible. The Village Engineer and/or Village Planner may approve compatible color schemes for antennas and small wireless facilities. A clear, color digital photo simulation of the utility pole or wireless support structure location providing "before and after" views demonstrating the true visual impact of the proposed small wireless facilities on the surrounding environment shall be included in the application.
3. Mechanical equipment and devices shall be concealed underground, mounted within a concealment box designed as a decorative pole base or within unobtrusive equipment enclosures or other devices mounted directly to the pole a minimum of eight (8) feet above ground level and screened by means of Village approved concealment methods.
4. Small wireless facilities must be located and oriented in such a way as to minimize view blockage.
5. The wireless provider shall use the smallest suitable wireless facilities then in industry use, regardless of location, for the particular application.

6. Landscaping or fencing shall be required to help mitigate the effects of the installation of any ground-mounted equipment. All ground-mounted equipment must be fully screened at all times.
7. Small wireless facilities shall not be artificially lighted or marked, except as required by law.
8. Small wireless facilities, other than top-mounted antennas, shall be mounted on the side of the utility pole or wireless support structure opposite the direction of vehicular traffic along the same side of the right-of-way.
9. Alternative measures for concealment may be proposed by the wireless provider and approved by the Village Engineer and/or Village Planner, if the Village Engineer and/or Village Planner determines that the optional measures will be at least as effective in concealing the small wireless facilities as the measures required above.

**E. Historic Districts and Landmarks**

For areas designated as historic districts, or on buildings or structures designate as historic landmarks pursuant to Title 14 Historic Preservation of the Village Code, in addition to the stealth, concealment and design requirements referenced above, following additional restrictions/conditions apply to the installation of small wireless facility:

1. Small wireless facilities shall not be mounted on any Village-owned ornamental street lights in any district;
2. Small wireless facilities shall not be mounted on any historic landmark or on contributing structures in any historic district;
3. Small wireless facilities within the right-of-way or on private property in any designated historic district shall utilize stealth technology and be designed in such a manner so as to preserve the character of the district, ensure consistency with the surrounding elements, blend architecturally with any buildings or structures designated as historic landmarks or located within a designated historic district, and shall be designed to blend with the surrounding historical landmarks and/or district in design and color.

**F. Historic District or Historic Landmark Limitations**

1. The above design or concealment measures with respect to a historic district or historic landmark, including restrictions on a specific category of utility poles, may not have the effect of prohibiting any provider's technology. Such design and concealment measures shall not be considered a part of the small wireless facility for purposes of the size restrictions of a small wireless facility.
2. This subsection shall not be construed to limit the Village's enforcement of historic preservation in conformance with the requirements adopted pursuant to the Illinois State Agency Historic Resources Preservation Act or the National Historic Preservation Act of 1966, 54 U.S.C. Section 300101 *et seq.*, and the regulations adopted to implement those laws.

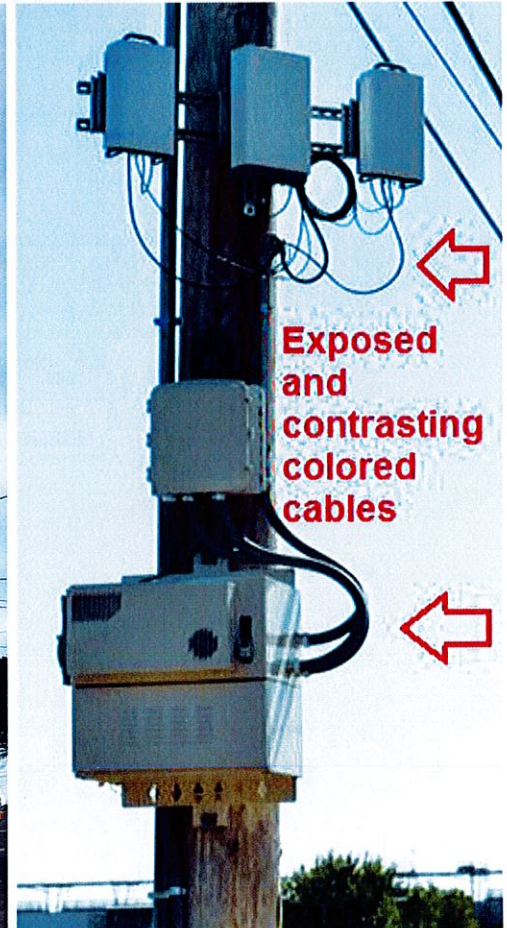
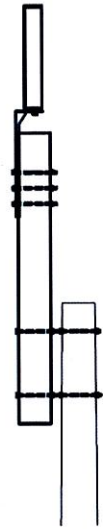
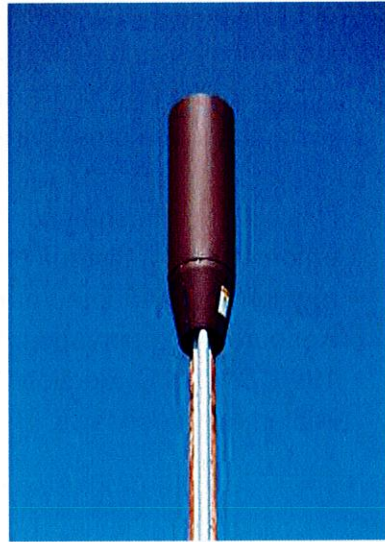
## H. Exhibits

### Exhibit 1. Antennas

#### Permitted Example



#### Not Permitted Examples



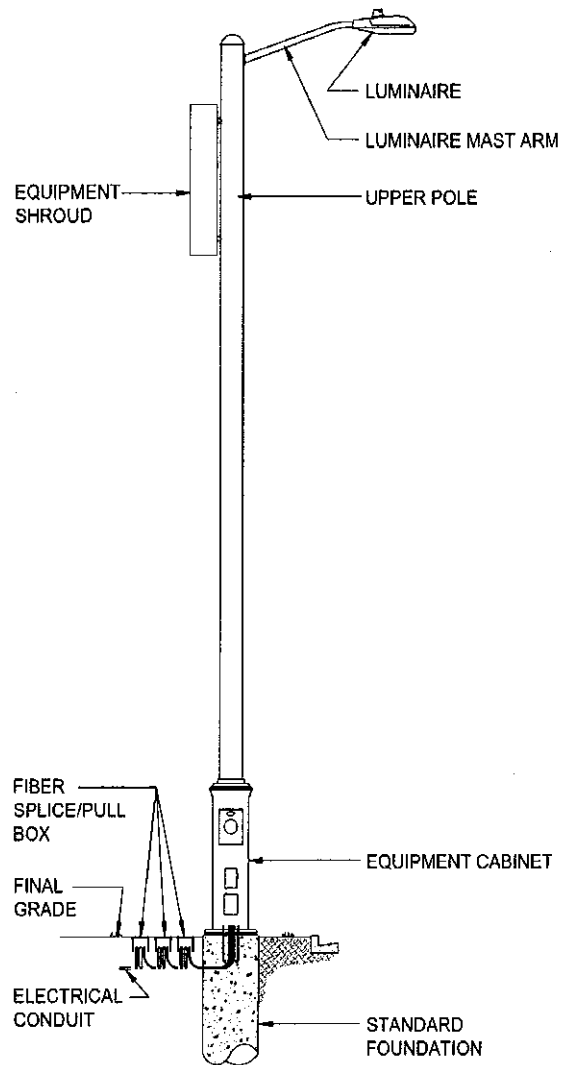


*Exhibit 2. Typical ornamental light pole*

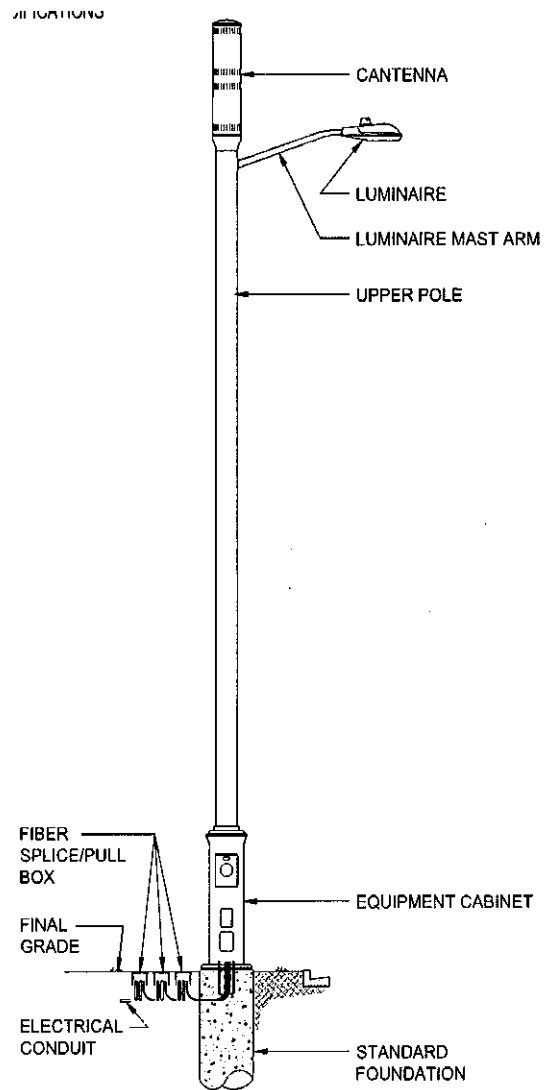


*Exhibit 3. Examples of Acceptable Methods of Concealment*

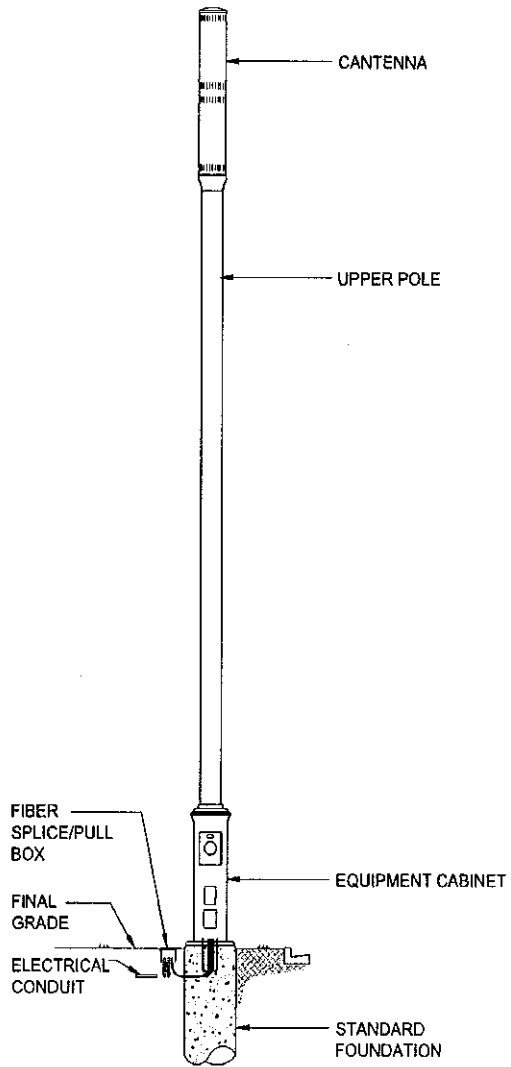
A. Combination Pole with  
Equipment Shroud



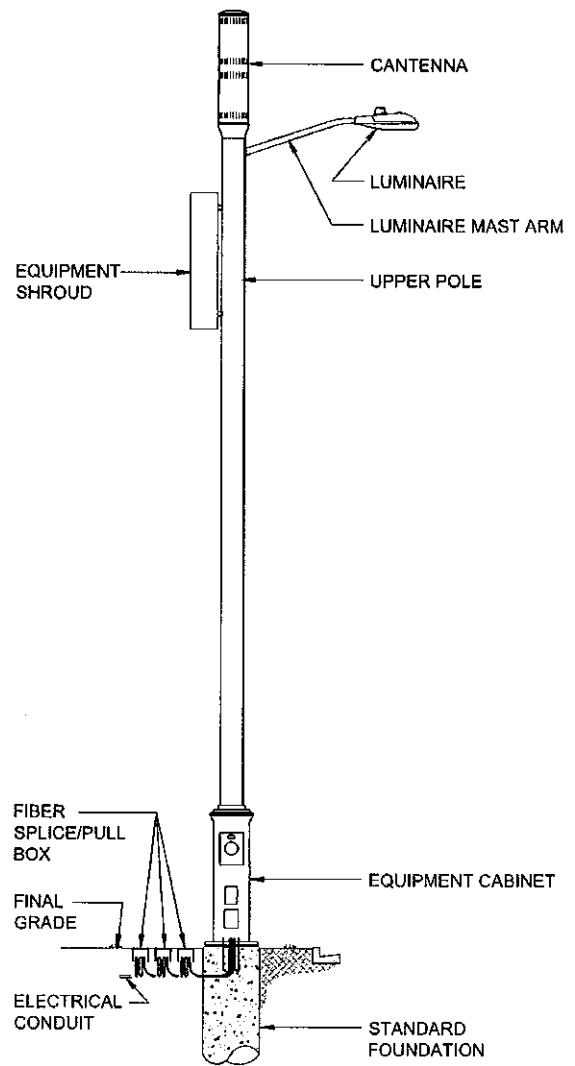
B. Combination Pole with  
Antenna



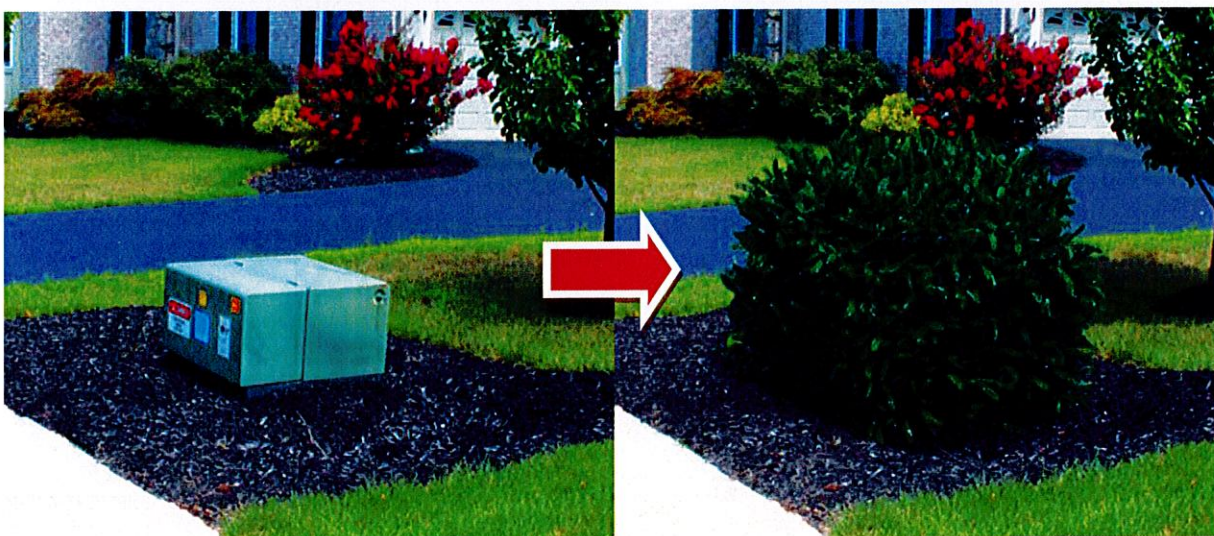
C. Freestanding Small Cell



D. Combination Pole with Cantenna



E. Examples of Landscape buffer for grade level equipment



**VILLAGE OF HINSDALE****ORDINANCE NO. 02018-38****AN ORDINANCE AMENDING THE VILLAGE CODE OF HINSDALE RELATIVE TO THE PERMITTING, REGULATION AND DEPLOYMENT OF SMALL WIRELESS FACILITIES**

**WHEREAS**, the Village of Hinsdale ("Village") is a municipal corporation duly organized and existing under the laws of the State of Illinois; and

**WHEREAS**, the public rights-of-way within Village limits are used to provide essential public services to Village residents and businesses. The public rights-of-way within the Village are a limited public resource held by the Village for the benefit of its citizens and the Village has a custodial duty to ensure that the public rights-of-way are used, repaired and maintained in a manner that best serves the public interest; and

**WHEREAS**, growing demand for personal wireless telecommunications services has resulted in increasing requests nationwide and locally from the wireless industry to place small cell antenna facilities, distributed antenna systems, and other small wireless telecommunication facilities on utility and street light poles and other structures both within the public rights-of-way and in other locations; and

**WHEREAS**, the Village is authorized under the Illinois Municipal Code, 65 ILCS 5/1-1-1 *et seq.*, and Illinois law to adopt ordinances pertaining to the public health, safety and welfare; and

**WHEREAS**, the Village is further authorized to adopt the amendments contained herein pursuant to its authority to regulate the public right-of-way under Article 11, Division 80 of the Illinois Municipal Code (65 ILCS 5/11-80-1 *et seq.*); and

**WHEREAS**, the Village is authorized, under existing State and federal law, to enact appropriate regulations and restrictions relative to small cell antenna facilities, distributed antenna systems, and other small personal wireless telecommunication facility installations both within the public rights-of-way and in other locations within the jurisdiction of the Village; and

**WHEREAS**, Public Act 100-585, known as the Small Wireless Facilities Deployment Act, approved by the Governor on April 12, 2018, with an effective date of June 1, 2018, acts to impose certain additional requirements on municipalities, including the Village, regarding the permitting, construction, deployment, regulation, operation, maintenance, repair and removal of certain defined small wireless facilities both within public rights-of-way and in other locations within the jurisdiction of the Village; and

**WHEREAS**, in conformance with the requirements of the Small Wireless Facilities Deployment Act, and in anticipation of a continued increased demand for



placement of small wireless facilities of the type regulated by the Small Wireless Facilities Deployment Act both within the public rights-of-way and in other locations within the jurisdiction of the Village, the Village President and Board of Trustees finds that it is in the best interests of the public health, safety and general welfare of the Village to adopt the code amendments below in order to establish generally applicable standards consistent with the Small Wireless Facilities Deployment Act (Public Act 100-585) for the design, permitting, location, construction, deployment, regulation, operation, maintenance, repair and removal of such small wireless facilities both within the public rights-of-way and in certain other locations within the jurisdiction of the Village so as to, among other things: (i) prevent interference with the facilities and operations of the Village utilities and of other utilities lawfully located in public rights-of-way or in other locations within the Village; (ii) preserve the character of the neighborhoods in which such small wireless facilities are installed; (iii) minimize any adverse visual impact of small wireless facilities, and prevent visual blight in the neighborhoods in which such facilities are installed; (iv) ensure the continued safe use and enjoyment of private properties adjacent to small wireless facilities; (v) provide appropriate aesthetic protections to designated areas and historic landmarks or districts within the Village; and (vi) ensure that the placement of small wireless facilities does not negatively impact public safety and the Village's public safety technology.

**BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF HINSDALE, COOK AND DUPAGE COUNTIES, ILLINOIS:**

**SECTION 1:** The recitals above shall be and are incorporated in this Section 1 as if fully restated herein.

**SECTION 2:** Title 13 (Telecommunications) of the Village Code of Hinsdale is amended by adding a new Chapter 8 (Small Wireless Facilities), to read in its entirety as follows:

**CHAPTER 8. SMALL WIRELESS FACILITIES**

- 13-8-1: PURPOSE:**
- 13-8-2: INTERACTION WITH OTHER CODE PROVISIONS AND LAWS:**
- 13-8-3: DEFINITIONS:**
- 13-8-4: ZONING:**
- 13-8-5: PERMITS; APPLICATION PROCESS:**
- 13-8-6: CONSTRUCTION:**
- 13-8-7: PERMIT DURATION:**
- 13-8-8: HEIGHT LIMITATIONS:**
- 13-8-9: GENERAL REQUIREMENTS:**
- 13-8-10: STEALTH, CONCEALMENT AND DESIGN STANDARDS:**
- 13-8-11: RESERVATION OF VILLAGE UTILITY POLE SPACE:**
- 13-8-12: APPLICABILITY OF EXISTING AGREEMENTS:**
- 13-8-13: COLLOCATION ON VILLAGE OWNED INFRASTRUCTURE:**
- 13-8-14: NOTICE OF SALE OR TRANSFER:**

- 13-8-15: **ABANDONMENT:**
- 13-8-16: **DISPUTE RESOLUTION:**
- 13-8-17: **INDEMNIFICATION:**
- 13-8-18: **INSURANCE:**
- 13-8-19: **MAINTENANCE OF SMALL WIRELESS FACILITIES:**
- 13-8-20: **REVOCAION OF PERMIT:**
- 13-8-21: **EXCEPTIONS TO APPLICABILITY:**

**13-8-1: PURPOSE:** Consistent with the requirements of the Small Wireless Facilities Deployment Act (Public Act 100-585), and in anticipation of a continued increased demand for placement of small wireless facilities of the type regulated by the Act both within the public rights-of-way and in other locations within the jurisdiction of the Village, the Village Board has found it to be in the best interests of the public health, safety and general welfare of the Village to adopt the code amendments set forth in this chapter in order to establish generally applicable standards for the design, permitting, location, construction, deployment, regulation, operation, maintenance, repair and removal of such small wireless facilities both within the public rights-of-way and in other locations within the jurisdiction of the Village so as to, among other things:

- A. Prevent interference with the facilities and operations of the Village's utilities and of other utilities lawfully located both within public rights-of-way and in other locations within the jurisdiction of the Village;
- B. Preserve the character of the neighborhoods in which such small wireless facilities are installed;
- C. Minimize any adverse visual impact of small wireless facilities and prevent visual blight in the neighborhoods in which such facilities are installed;
- D. Ensure the continued safe use and enjoyment of private properties adjacent to small wireless facilities;
- E. Provide appropriate aesthetic protections to any designated historic landmarks or districts within the Village; and
- F. Ensure that the placement of small wireless facilities does not negatively impact public safety and the Village's public safety technology.

**13-8-2: INTERACTION WITH OTHER CODE PROVISIONS AND LAWS:**

- A. **Other Code Provisions.** The provisions of this chapter are intended to supplement general requirements and standards relative to the siting of telecommunication facilities and generally applicable requirements for construction within public rights-of-way set forth elsewhere within this code, including but not limited to the regulations set forth in title 13 (Telecommunications) and chapter 7-1G (Construction of Utility Facilities in Rights of Way). In the event of a conflict, however,

the provisions of this chapter shall control in all matters involving small wireless facilities, as defined below.

B. State and Federal Laws. In the event that applicable federal or State laws or regulations conflict with the requirements of this Chapter, a wireless provider shall comply with the requirements of this Chapter to the maximum extent possible without violating such federal or State laws or regulations.

### **13-8-3: DEFINITIONS:**

As used in this chapter, the following terms shall have the following meanings:

"Act" means the Small Wireless Facilities Deployment Act (Public Act 100-585).

"Antenna" means communications equipment that transmits or receives electromagnetic radio frequency signals used in the provision of wireless services.

"Applicable codes" means uniform building, fire, electrical, plumbing, or mechanical codes adopted by a recognized national code organization or local amendments to those codes, including the National Electric Safety Code.

"Applicant" means any person who submits an application and is a wireless provider.

"Application" means a request submitted by an applicant to the Village for a permit to collocate small wireless facilities, and a request that includes the installation of a new utility pole for such collocation, as well as any applicable fee for the review of such application.

"Authority" means the Village or other unit of local government that has jurisdiction and control for use of public rights-of-way as provided by the Illinois Highway Code for placements within public rights-of-way or has zoning or land use control for placements not within public rights-of-way.

"Collocate" or "collocation" means to install, mount, maintain, modify, operate, or replace wireless facilities on or adjacent to a wireless support structure or utility pole, whether existing or new.

"Communications service" means cable service, as defined in 47 U.S.C. 522(6), as amended; information service, as defined in 47 U.S.C. 153(24), as amended; telecommunications service, as defined in 47 U.S.C. 153(53), as amended; mobile service, as defined in 47 U.S.C. 153(33), as amended; or wireless service other than mobile service.

"Communications service provider" means a cable operator, as defined in 47 U.S.C. 522(5), as amended; a provider of information service, as defined in 47 U.S.C. 153(24),

as amended; a telecommunications carrier, as defined in 47 U.S.C.153(51), as amended; or a wireless provider.

"FCC" means the Federal Communications Commission of the United States.

"Fee" means a one-time charge.

"Historic district" or "historic landmark" means a building, property, or site, or group of buildings, properties, or sites that are either (i) listed in the National Register of Historic Places or formally determined eligible for listing by the Keeper of the National Register, the individual who has been delegated the authority by the federal agency to list properties and determine their eligibility for the National Register, in accordance with Section VI.D.1.a.i through Section VI.D.1.a.v of the Nationwide Programmatic Agreement codified at 47 CFR Part 1, Appendix C; or (ii) designated as a locally landmarked building, property, site, or historic district by an ordinance adopted by the Village pursuant to a preservation program that meets the requirements of the Certified Local Government Program of the Illinois State Historic Preservation Office or where such certification of the preservation program by the Illinois State Historic Preservation Office is pending.

"Law" means a federal or State statute, common law, code, rule, regulation, order, or local ordinance or resolution.

"Micro wireless facility" means a small wireless facility that is not larger in dimension than twenty-four (24) inches in length, fifteen (15) inches in width, and twelve (12) inches in height and that has an exterior antenna, if any, no longer than eleven (11) inches.

"Permit" means a written authorization required by the Village or other permitting authority to perform an action or initiate, continue, or complete a project.

"Person" means an individual, corporation, limited liability company, partnership, association, trust, or other entity or organization, including an authority.

"Public safety agency" means the functional division of the federal government, the State, a unit of local government, or a special purpose district located in whole or in part within this State, that provides or has authority to provide firefighting, police, ambulance, medical, or other emergency services to respond to and manage emergency incidents.

"Public Utility" shall have the same meaning as set forth in Section 3-105 of the Public Utilities Act, 220 ILCS 5/3-105.

"Rate" means a recurring charge.

"Right-of-way" means the area on, below, or above a public roadway, highway, street, public sidewalk, alley, or utility easement dedicated for compatible use. "Right-of-way" does not include authority-owned aerial lines.

"Small wireless facility" means a wireless facility that meets both of the following qualifications: (i) each antenna is located inside an enclosure of no more than six (6) cubic feet in volume or, in the case of an antenna that has exposed elements, the antenna and all of its exposed elements could fit within an imaginary enclosure of no more than six (6) cubic feet; and (ii) all other wireless equipment attached directly to a utility pole associated with the facility is cumulatively no more than twenty-five (25) cubic feet in volume. The following types of associated ancillary equipment are not included in the calculation of equipment volume: electric meter, concealment elements, telecommunications demarcation box, ground-based enclosures, grounding equipment, power transfer switch, cut-off switch, and vertical cable runs for the connection of power and other services.

"Structural Engineer" means a person licensed under the laws of the State of Illinois to practice structural engineering.

"Utility pole" means a pole or similar structure that is used in whole or in part by a communications service provider or for electric distribution, lighting, traffic control, or a similar function.

"Village" means the Village of Hinsdale, Cook and DuPage Counties, Illinois.

"Village utility pole" means a utility pole owned or operated by the Village in public rights-of-way.

"Wireless facility" means equipment at a fixed location that enables wireless communications between user equipment and a communications network, including: (i) equipment associated with wireless communications; and (ii) radio transceivers, antennas, coaxial or fiber-optic cable, regular and backup power supplies, and comparable equipment, regardless of technological configuration. "Wireless facility" includes small wireless facilities. "Wireless facility" does not include: (i) the structure or improvements on, under, or within which the equipment is collocated; or (ii) wireline backhaul facilities, coaxial or fiber optic cable that is between wireless support structures or utility poles or coaxial, or fiber optic cable that is otherwise not immediately adjacent to or directly associated with an antenna.

"Wireless infrastructure provider" means any person authorized to provide telecommunications service in the State that builds or installs wireless communication transmission equipment, wireless facilities, wireless support structures, or utility poles and that is not a wireless services provider but is acting as an agent or a contractor for a wireless services provider for the application submitted to the Village.



"Wireless provider" means a wireless infrastructure provider and/or a wireless services provider. This does not include, and expressly excludes, any person who is providing service to or for a private niche market.

"Wireless services" means any services provided to the general public, including a particular class of customers, and made available on a nondiscriminatory basis using licensed or unlicensed spectrum, whether at a fixed location or mobile, provided using wireless facilities.

"Wireless services provider" means a person who provides wireless services.

"Wireless support structure" means a freestanding structure, such as a monopole; tower, either guyed or self-supporting; billboard; or other existing or proposed structure designed to support or capable of supporting wireless facilities. "Wireless support structure" does not include a utility pole.

**13-8-4: ZONING:** Small wireless facilities shall be classified as permitted uses and shall not be subject to zoning review, if collocated in rights-of-way in any zoning district, or outside rights-of-way in the following zoning districts:

O-3 General Office Zoning District.

In all other zoning districts, the Village's normal zoning approvals, processes and restrictions shall apply, if zoning approval, processes or restrictions are required by the Village's zoning ordinance.

**13-8-5: PERMITS; APPLICATION PROCESS:** Unless otherwise specifically exempted in this chapter, a permit to collocate a small wireless facility within the Village is required in all cases. Permits are subject to the following:

A. Permit Applications: Permit applications for the collocation of small wireless facilities shall be made on a form provided by the Village for such purpose. In addition to any generally applicable information required of other communications service providers or for other installations in the public right-of-way, applicants must, when requesting to collocate small wireless facilities on a utility pole or wireless support structure, provide the following information:

1. Site specific structural integrity and, for a Village utility pole, make-ready analysis prepared by a structural engineer, as that term is defined in Section 4 of the Structural Engineering Practice Act of 1989;

2. The location where each proposed small wireless facility or utility pole would be installed and digital photographs of the location and its immediate surroundings depicting the utility poles or structures on which each proposed small wireless facility would be mounted or location where utility poles or structures would be

installed. The photographs shall include a digital photo simulation of the proposed location providing "before and after" views demonstrating the true visual impact of the proposed small wireless facilities on the surrounding environment;

3. Specifications and drawings prepared by a structural engineer, as that term is defined in Section 4 of the Structural Engineering Practice Act of 1989, for each proposed small wireless facility covered by the application as it is proposed to be installed;

4. The equipment type and model numbers for the antennas and all other equipment associated with the small wireless facility;

5. A proposed schedule for the installation and completion of each small wireless facility covered by the application, if approved;

6. Certification that, to the best of the applicant's knowledge, the collocation complies with the written design standards established by the Village, and with the various other requirements set forth in this chapter and code;

7. Copies of all licenses, permits and approvals required by or from the Village (i.e. zoning approval, where required), other agencies and units of government with jurisdiction over the design, construction, location and operation of said small wireless facility. The applicant shall maintain such licenses, permits and approvals in full force and effect and provide evidence of renewal or extension thereof when granted; and

8. In the event the small wireless facility is proposed to be attached to an existing utility pole or wireless support structure owned by an entity other than the Village, legally competent evidence of the consent of the owner of such pole or wireless support structure to the proposed collocation.

B. Means of Submission: Permit applications, along with all supporting information, for the collocation of small wireless facilities shall be submitted by personal delivery or by other means approved by the Village.

C. Multiple Applications for Same Location: Multiple applications for collocation on the same utility pole or wireless support structure shall be processed based on a first fully complete application, first-served basis.

D. Permit Application Fees: All applications for collocation of small wireless facilities shall be accompanied by a nonrefundable application fee in the following amounts:

Request to collocate a small wireless facility that includes the installation of	\$1,000.00
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a new utility pole	
Request to collocate a single small wireless facility on an existing utility pole or wireless support structure	\$650.00
Request to collocate multiple small wireless facilities on existing utility poles or wireless support structures addressed in a single application	\$350.00 per small wireless facility

E. Permit review timelines:

1. **Completeness of Application:** Requests for the collocation of small wireless facilities shall be reviewed for conformance with the requirements of the Act, this chapter, and other applicable provisions of this code. Within thirty (30) days after receiving an application, the Village must determine whether the application is complete and notify the applicant. If an application is incomplete, the Village must specifically identify the missing information. Processing deadlines are tolled from the time the Village sends a notice of incompleteness to the time the applicant provides the missing information.

An application shall be deemed complete if the Village fails to provide notification to the applicant within thirty (30) days of the date when all documents, information, and fees specifically enumerated in the Village's permit application form are submitted by the applicant to the Village.

2. **Existing Pole or Wireless Support Structure:** Requests for the collocation of small wireless facilities on an existing utility pole or wireless support structure shall be processed on a nondiscriminatory basis and either approved or denied within ninety (90) days of submission of a completed application. A permit application shall be deemed approved if the Village fails to approve or deny the application within ninety (90) days, subject to the following: if an applicant intends to proceed with the permitted activity on a deemed approved basis, the applicant shall notify the Village in writing of its intention to invoke the deemed approved remedy no sooner than seventy-five (75) days after the submission of a completed application. The permit shall be deemed approved on the later of the ninetieth (90<sup>th</sup>) day after submission of the completed application, or the tenth (10<sup>th</sup>) day after receipt of the deemed approved notice by the Village. Receipt of a deemed approved notice by the Village shall not preclude the Village from denying the permit within the allowed time limit.

3. **New Utility Pole:** Requests for the collocation of small wireless facilities that include the installation of a new utility pole shall be processed on a nondiscriminatory basis and either approved or denied within one hundred and twenty (120) days of submission of a completed application. A permit application shall be deemed approved if the Village fails to approve or deny the application within one hundred twenty (120) days, subject to the following: if an applicant intends to proceed with the permitted activity on a deemed approved basis, the applicant shall notify the Village in writing of its intention to invoke the deemed approved remedy no sooner than one hundred five (105) days after the submission of a completed application. The permit shall be deemed approved on the later of the one hundred twentieth (120<sup>th</sup>) day after submission of the completed application, or the tenth (10<sup>th</sup>) day after receipt of the deemed approved notice by the Village. Receipt of a deemed approved notice by the Village shall not preclude the Village from denying the permit within the allowed time limit.

F. **Tolling:** The time limitations for approval or denial of applications shall be tolled by notice to an applicant that its application is incomplete as set forth above, upon mutual agreement of the parties, or by a local, State or federal disaster declaration or similar emergency that causes a delay.

G. **Pole Replacement:** Permit approval shall be conditioned on the replacement of a utility pole or wireless support structure at the applicant's sole cost where such replacement is deemed necessary for compliance with the requirements of this chapter or code relative to the siting of small wireless facilities, or other applicable codes and regulations that concern public safety.

H. **Denial:** The Village shall deny an application that does not meet the requirements of this chapter. The reasons for any denial of a permit shall be provided in a written notice of denial sent to the applicant, and shall include the specific code provisions or application conditions on which the denial is based.

I. **Resubmittal After Denial:** In the case of a permit denial, an applicant may cure the deficiencies identified in the notice of denial and resubmit a revised application once within thirty (30) days after the notice of denial is sent without payment of an additional application fee. The Village shall have thirty (30) days to approve or deny the resubmitted application or it is deemed approved, if the applicant has notified the Village of its intention to proceed with the permitted activity on a deemed approved basis, which notification may be submitted with the resubmitted application. Review of a resubmitted application is limited to the deficiencies cited in the original notice of denial. This subsection does not apply if a revised application is not resubmitted within thirty (30) days, or curing any deficiencies in the original application requires review of a new location, new or different structure for collocation, new antennas, or other wireless

equipment associated with the small wireless facility. In such cases, a new application and application fee are required.

J. Consolidated Applications: Consolidated applications for small wireless facilities for the collocation of up to twenty-five (25) small wireless facilities shall be allowed if the collocations each involve substantially the same type of small wireless facility and substantially the same type of structure. Each consolidated application shall provide all the information required by this chapter for each small wireless facility at each location. If such an application includes incomplete information for one or more small wireless facility collocations, or includes requests for small wireless facilities that do not qualify for consolidated treatment, or that are otherwise denied, the Village may remove such collocation requests from the application and treat them as separate requests. Separate permits may be issued for each collocation approved in a consolidated application.

K. Alternate Locations: If an applicant is seeking to install a new utility pole as part of its application, the Village may propose that the small wireless facility be located on an existing utility pole or existing wireless support structure within one hundred (100) feet of the proposed collocation. The applicant shall accept the proposed alternate location so long as it has the right to use the location on reasonable terms and conditions, unless the alternate location imposes technical limits or additional material costs as determined by the applicant. If the applicant refuses an alternate location based on the foregoing, the applicant shall provide legally competent evidence in the form of a written certification, under oath, describing the property rights, technical limits or material cost reasons that prevent the alternate location from being utilized.

L. Exemptions: No application, permit approval or fee shall be required from a communications service provider authorized to occupy the right-of-way when the work in question is for:

1. Routine maintenance not requiring replacement of wireless facilities if the wireless provider notifies the Village in writing at least forty-eight hours prior to the planned maintenance;

2. The replacement of wireless facilities with wireless facilities that are substantially similar, the same size, or smaller if the wireless provider notifies the Village in writing at least ten (10) days prior to the planned replacement and includes equipment specifications, including (i) equipment type and model numbers, for the replacement of equipment consistent with the equipment specifications information required on a permit application for original installation; and (ii) information sufficient to establish that the replacement is substantially similar. The wireless provider shall provide all information necessary and requested by the Village to establish that the replacement is substantially similar. The Village has the sole right and responsibility to



determine if a proposed small wireless facility is substantially similar to the existing small wireless facility; or

3. The installation, placement, maintenance, operation or replacement of micro wireless facilities that are suspended on cables that are strung between existing utility poles in compliance with applicable safety codes.

The foregoing shall not exempt communications service providers from Village permitting requirements where traffic patterns are affected or lane closures are required.

**13-8-6: CONSTRUCTION:** Collocations for which permits are approved shall be completed within one hundred eighty (180) days of issuance of the permit, unless the Village agrees to extend the period or a delay is caused by make-ready work for a Village utility pole or by the lack of commercial power or backhaul availability at the site, provided the applicant has made a timely request within sixty (60) days after the issuance of the permit for commercial power or backhaul services, and the additional time to complete installation does not exceed three hundred sixty (360) days after issuance of the permit. Permits that are not completed within applicable timelines shall be void absent an extension granted in writing by the Village.

**13-8-7: PERMIT DURATION:** Permits issued for small wireless facilities pursuant to this chapter shall be for a period of five (5) years. Permits are subject to renewal at the end of the five (5) year permit period for a successive five (5) year term so long as the installation complies with the applicable code provisions in force at the time of renewal. A finding by the Village at the time of a request for renewal that an installation does not comply with the applicable code provisions in force at the time of the renewal request shall be in writing. If the Act is repealed or found unconstitutional by a court of competent jurisdiction, all permits granted by the Village under this chapter shall terminate at the end of their current term.

**13-8-8: HEIGHT LIMITATIONS:**

A. **Antenna Installations:** The maximum permitted height of a small wireless facility is ten (10) feet above the utility pole or wireless support structure on which the small wireless facility is collocated.

B. **New Poles:** The maximum permitted height of new or replacement utility pole or wireless support structure on which a small wireless facility is collocated is the higher of:

1. Ten (10) feet in height above the tallest existing utility pole, other than a utility pole supporting only wireless facilities, that is in place on the date the application is submitted, and that is located within three hundred (300) feet of the new or replacement utility pole or wireless support structure and that is in the same right-of-way within the

Village. The Village/City may designate which intersecting right-of-way within three hundred (300) feet of the proposed utility pole or wireless support structures shall control the height limitation for such facility; or

2. Forty-five (45) feet above ground level.

C. Variance Process:

A Wireless provider may receive a variance from the village engineer or his or her designee pursuant to the procedures set forth in section 7-1G-21 (Variances) of chapter 7-1G (Construction of Utility Facilities in Rights of Way) of this code, from the maximum permitted height of a new pole set forth in this section, if the wireless provider, in addition to demonstrating the conditions set forth in section 7-1G-21 have been established, can establish that:

1. Because of a particular unusual condition, a particular hardship or practical difficulty to the wireless provider would result, as distinguished from a mere inconvenience, and such hardship or difficulty has not been created by the wireless provider; and
2. Existing utility poles or wireless support structures, or a new utility pole at the maximum permitted height for a new pole allowed by this section cannot accommodate the wireless facility at a height necessary to function effectively, under reasonable terms and conditions; and
3. The use of existing utility poles or other wireless support structures, or a new utility pole at the maximum permitted height for a new pole allowed by this section, is not technically feasible.

**13-8-9: GENERAL REQUIREMENTS:**

A. Public Safety Technology: A wireless provider's operation of a small wireless facility may not interfere with the frequencies used by a public safety agency for public safety communications. A wireless provider must install small wireless facilities of the type and frequency that will not cause unacceptable interference with a public safety agency's communications equipment. Unacceptable interference is determined by and measured in accordance with industry standards and the FCC's regulations addressing unacceptable interference to public safety spectrum or any other spectrum licenses by a public safety agency. If a small wireless facility causes such interference, and the wireless provider has been given written notice of the interference by the public safety agency, the wireless provider, at its own expense, shall take all reasonable steps necessary to correct and eliminate the interference, including, but not limited to, powering down the small wireless facility and later powering up the small wireless facility for intermittent testing, if necessary. The Village may terminate a permit for a small wireless facility based on such interference if the wireless provider is not making a good faith effort to remedy the problem in a manner consistent with the abatement and

resolution procedures for interference with public safety spectrum established by the FCC, including 47 CFR 22.970 through 47 CFR 22.973 and 47 CFR 90.672 through 47 CFR 90.675. The burden to establish the good faith effort shall be on the wireless provider, which shall timely deliver to the Village all information necessary to demonstrate its efforts to resolve the interference consistent with the Code of Federal Regulations sections cited above. Failure to remedy the interference as required herein shall constitute a public nuisance and the small wireless facility may be abated through the procedures for abatement of such nuisances set forth in this code.

B. A wireless provider shall not construct or maintain any small wireless facility that:

1. Obstructs, impedes or hinders the usual travel or public safety on a right-of-way;
2. Obstructs the legal use of right-of-way by utility users;
3. Violates nondiscriminatory applicable codes;
4. Violates or conflicts with title 13 (Telecommunications) or chapter 7-1G (Construction of Utility Facilities in Rights of Way) of this code, or other applicable regulations set forth in or adopted by this code, except to the extent such chapters, sections or regulations may be modified by the provisions of this chapter; or
5. Violates the federal Americans with Disabilities Act of 1990 (42 U.S.C. Section 12101 *et seq.*)

C. Contractual Requirements: Wireless providers shall comply with all requirements imposed by a contract between the Village and any private property owner that concern design or construction standards applicable to utility poles and ground-mounted equipment located in the right-of-way.

D. Ground-Mounted Equipment: Wireless providers shall comply with the ground mounted equipment spacing requirements, within rights-of-way, if any, as set forth in chapter 7-1G (Construction of Utility Facilities in Rights of Way) of this code.

E. Undergrounding:

1. The wireless provider shall comply with Village code provisions or regulations concerning undergrounding requirements, if any, that prohibit the installation of new or the modification of existing utility poles or equipment in the right-of-way.
2. A Wireless Provider may receive a variance from the village engineer or his or her designee pursuant to the procedures set forth in section 7-1G-21 (Variances) of chapter 7-1G (Construction of Utility Facilities in Rights of Way) of this code, to allow a small wireless facility to be located above ground in an area where Village ordinances or

regulations prohibit or restrict above ground facilities if, in addition to demonstrating the conditions of section 7-1G-21 have been established, the wireless provider can establish that:

- a. Underground equipment is not technically feasible and there is no reasonable alternative or location that is more aesthetically favorable to adjacent property owners and to effective use and management of the right-of-way; and
- b. An above ground small wireless facility at the proposed location is necessary at the proposed location to provide coverage in a specified area; and
- c. An above ground small wireless facility at the proposed location will not disrupt traffic or pedestrian circulation or constitute a safety hazard; and
- d. An above ground small wireless facility at the proposed location will not interfere with public safety uses or frequencies; and
- e. Space exists within the public right-of-way to accommodate the above ground small wireless facility at the proposed location; and
- f. An above ground small wireless facility at the proposed location will not create a safety hazard; and
- g. The above ground small wireless facility is located and designed in such a way so as to minimize its visual impact on adjacent properties; and
- h. In any historical area, that the above ground small wireless facility will not detrimentally affect the historical nature of the area.

3. Screening for Ground Mounted Facilities. Where a ground-mounted facility is allowed, such equipment shall be screened around the perimeter in accordance with a landscape plan sealed by a professional landscape engineer. Plant materials shall include a mixture of deciduous and coniferous planting materials. The owner or wireless provider shall be responsible for maintenance of all landscaping as provided in the approved landscape plan.

4. Future Undergrounding: The Village may, from time to time, make a decision to eliminate above-ground utility poles of a particular type generally, such as electric utility poles, in all or a significant portion of the Village. In the event that such a utility pole has a collocated small wireless facility in place at the time of such a decision, the Village shall either:

- a. Continue to maintain the utility pole, or install and maintain a reasonable utility pole or wireless support structure for the collocation of the small wireless facility; or

b. Offer to sell the utility pole to the wireless provider at a reasonable cost, or allow the wireless provider to install its own utility pole so it can maintain service from that location.

F. Collocation Limits: Wireless providers shall not collocate small wireless facilities on Village utility poles that are part of an electric distribution or transmission system within the communication worker safety zone of the pole or the electric supply zone of the pole.

However, the antenna and support equipment of the small wireless facility may be located in the communications space on the Village utility pole and on the top of the pole, if not otherwise unavailable, if the wireless provider complies with applicable codes for work involving the top of the pole.

For purposes of this subsection, the terms "communications space", "communication worker safety zone", and "electric supply zone" have the meanings given to those terms in the National Electric Safety Code as published by the Institute of Electrical and Electronics Engineers.

G. Code Compliance: Wireless providers shall comply with applicable codes and local code provisions or regulations that concern public safety.

**13-8-10: STEALTH, CONCEALMENT AND DESIGN STANDARDS:** Every small wireless facility installation shall comply with the following standards:

A. General Stealth, Concealment and Design Standards: Installations shall comply with any stealth, concealment, design and aesthetic standards applicable to utility installations in the public right-of-way, as set forth in title 13 (Telecommunications) and chapter 7-1G (Construction of Utility Facilities in Rights of Way) of this code, as well as any written design standards that are generally applicable for decorative utility poles, or reasonable stealth, concealment, design and aesthetic requirements that are otherwise identified by the Village in an ordinance, written policy adopted by the Village Board of Trustees, in the Village's comprehensive plan, or in a written design plan that applies to other occupiers of the rights-of-way, including on a historic landmark or in a historic district.

B. Historic Districts and Landmarks: For areas designated as historic districts, or on buildings or structures designated as historic landmarks pursuant to title 14 (Historic Preservation of this code, in addition to the stealth, concealment and design requirements referenced above, the following additional restrictions/conditions apply to the installation of small wireless facilities:

1. Small wireless facilities shall not be mounted on any Village-owned ornamental street lights in any historic district;



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2. Small wireless facilities shall not be mounted on any historic landmark or on contributing structures in any historic district;

3. Small wireless facilities within the right of way or on private property in any designated historic district shall utilize stealth technology and be designed in such a manner so as to preserve the character of district, ensure consistency with the surrounding elements, blend architecturally with any buildings or structures designated as historic landmarks or located within a designated historic district, and shall be designed to blend with the surrounding historical landmarks and/or district in design and color.

C. Historic District or Landmark Limitations:

1. Any stealth, concealment and design standards in a historic district or on a historic landmark, including restrictions on a specific category of utility poles, may not have the effect of prohibiting any provider's technology. Such stealth, concealment and design measures shall not be considered a part of the small wireless facility for purposes of the size restrictions of a small wireless facility.

2. This section shall not be construed to limit the Village's enforcement of historic preservation in conformance with the requirements adopted pursuant to the Illinois State Agency Historic Resources Preservation Act or the National Historic Preservation Act of 1966, 54 U.S.C. Section 300101 *et seq.*, and the regulations adopted to implement those laws.

**13-8-11: RESERVATION OF VILLAGE UTILITY POLE SPACE:** The Village may reserve space on Village-owned utility poles for future public safety uses or for Village electric utility uses. Such reservation may preclude collocation of small wireless facilities if the Village reasonably determines that the Village's utility pole cannot accommodate both uses.

**13-8-12: APPLICABILITY OF EXISTING AGREEMENTS:**

A. Existing Installations: Subject to any applicable termination provisions, where an existing agreement is in place between the Village and a wireless provider relating to the collocation of small wireless facilities on Village utility poles on June 1, 2018, such agreement shall remain in effect for all small wireless facilities collocated on the Village's utility poles pursuant to applications submitted prior to June 1, 2018.

B. Applications Received Between June 1, 2018 and June 1, 2020: Subject to any applicable termination provisions, where an existing agreement is in place between the Village and a wireless provider relating to the collocation of small wireless facilities on Village utility poles on June 1, 2018, such agreement shall remain in effect for all small

wireless facilities collocated on the Village's utility poles pursuant to applications submitted after June 1, 2018, but prior to June 1, 2020, until June 1, 2020 or receipt by the Village from the wireless provider of a notice that it is opting to accept the rates, fees and terms of this chapter and the Act received after June 1, 2020, whichever is later.

C. Applications Received After June 1, 2020: Subject to any applicable termination provisions, where an existing agreement is in place between the Village and a wireless provider relating to the collocation of small wireless facilities on Village utility poles on June 1, 2018, such agreement shall remain in effect for all small wireless facilities collocated on the Village's utility poles pursuant to applications submitted after June 1, 2020, until receipt by the Village of a notice from the wireless provider that it is accepting the rates, fees, terms and conditions of this chapter.

**13-8-13: COLLOCATION ON VILLAGE OWNED INFRASTRUCTURE:**

A. Fee: The annual fee to collocate a small wireless facility on a Village-owned utility pole located in a right-of-way shall be the higher of:

1. \$200/year per small wireless facility; or
2. The actual, direct, and reasonable costs related to the wireless providers use of space on the pole.

B. Exception: Small wireless facilities collocated on Village-owned utility poles located outside of public right-of-way are not subject to the rate limitations in this section.

C. Attachment Agreement: An attachment agreement in a form approved by the Village is required for any collocation upon any Village owned utility pole or wireless support structure.

**13-8-14: NOTICE OF SALE OR TRANSFER:** A wireless provider shall, prior to any sale or transfer of ownership or control of a small wireless facility located within the jurisdiction of the Village, provide written notice to the Village of such sale or transfer of control. Such notice shall include the name and contact information of the new wireless provider.

**13-8-15: ABANDONMENT:**

A. A small wireless facility that is not operated for a continuous period of twelve (12) months shall be considered abandoned and the owner of the facility shall remove the small wireless facility within ninety (90) days after receipt of written notice from the Village notifying it of the abandonment. The notice shall be sent by certified or registered mail, return receipt requested, by the Village to the owner at its last known address. If the small wireless facility is not removed within ninety (90) days after receipt of such notice, such wireless facility shall be deemed to be a nuisance and the Village may remove or cause

the removal of such facility, and recover or place a lien for its costs, pursuant to the terms of its pole attachment or other agreement for Village utility poles or through the procedures for abatement of nuisances set forth in this code.

B. In the event the Village suspects that the wireless provider is no longer using the small wireless facilities to provide wireless service, it may send the wireless provider written notice that requires the wireless provider to remove the small wireless facility or provide proof that the small wireless facility is operational and still being used within thirty (30) days, and informs the wireless provider that failure to provide proof or to remove the small wireless facility will result in the Village removing the small wireless facility at the wireless provider's cost.

**13-8-16: DISPUTE RESOLUTION:**

The Circuit Court of DuPage County shall have exclusive jurisdiction to resolve all disputes arising under the Act. Pending resolution of a dispute concerning rates for collocation of small wireless facilities on Village utility poles within the right-of-way, the Village shall allow the collocating person to collocate on its poles at annual rates of no more than \$200 per year per pole, with rates to be determined upon final resolution of the dispute.

**13-8-17: INDEMNIFICATION:** Other than for liabilities and losses due to or caused by the sole negligence of the Village or its employees or agents, a wireless provider shall indemnify and hold the Village harmless against any and all liability or loss from personal injury or property damage resulting from or arising out of, in whole or in part, the use or occupancy of the Village infrastructure or improvements, or right-of-way associated with such infrastructure or improvements by the wireless provider or its employees, agents, or contractors arising out of the rights and privileges granted under this chapter and the Act. A wireless provider proceeding under this chapter waives any claims it may have against the Village with respect to consequential, incidental, or special damages, however caused, based on the theory of liability.

**13-8-18: INSURANCE:** At all times during the period in which a wireless provider's facilities are located on Village infrastructure, improvements or in right-of-way, the wireless provider shall, at its own sole cost and expense, carry the following insurance coverages:

- A. Property insurance for its property's replacement cost against all risks;
- B. Workers' Compensation insurance within statutory limits as required by law; and
- C. Commercial general liability insurance with respect to its activities on the Village infrastructure, improvements or rights-of-way, including coverage for bodily injury and property damage, with limits not less than:
  - 1. Five million dollars for bodily injury or death to each person;

2. Five million dollars for property damage resulting from any one accident;  
and

3. Five million dollars for all other types of liability.

The wireless provider shall include the Village as an additional insured on the commercial general liability policy and shall provide certificates of insurance and proof of inclusion of the Village in a commercial general liability policy to the Village prior to the collocation of any small wireless facility, and shall keep updated certificates and proof of inclusion on file with the Village at all times that the provider maintains small wireless facilities within the Village.

D. A wireless provider may self-insure all or a portion of the insurance coverage and limits required by the Village. A wireless provider that self-insures is not required, to the extent of the self-insurance, to comply with the requirement that the Village be named an additional insured. A wireless provider that self-insures shall provide to the Village evidence sufficient to demonstrate its financial ability to self-insure the insurance limits required by the Village.

**13-8-19: MAINTENANCE OF SMALL WIRELESS FACILITIES:**

A. A wireless provider shall maintain all small wireless facilities installed within the Village in a condition that maintains the safety, integrity and aesthetics of such facilities. Small wireless facilities shall not appear to be unkempt. In the event of a failure to properly maintain such facilities, the Village shall notify the wireless provider, in writing, who shall have thirty (30) days to correct the identified maintenance violation. If not corrected within such period, the Village reserves the right to take such action as it deems necessary, including revocation of the permit. Maintenance and replacement of small wireless facilities shall be performed by the wireless provider at the wireless provider's sole cost and expense.

B. In the event of an emergency involving an imminent threat to life or property, the Village may take corrective action to eliminate such emergency at the wireless provider's expense.

**13-8-20: REVOCATION OF PERMIT:**

A. A permit to collocate a small wireless facility may be revoked for one or more of the following reasons:

1. The wireless provider obtained approval by means of fraud or made a misrepresentation of a material fact with respect to the permit application, or any required documentation or submittal.

2. The wireless provider failed to construct the small wireless facility in accordance with the approved plans.

3. The wireless provider failed to comply within any material condition of a permit issued.

4. The wireless provider substantially expanded or altered the use or the structure of the small wireless facility beyond what was requested in the permit application or approved, without the approval of the Village.

5. The wireless provider failed to notify the Village of the replacement of small wireless facilities as required by this chapter.

6. A substantial change of law has occurred affecting the wireless provider's authority to occupy or use the property upon which the small wireless facility is located.

7. The small wireless facility interferes with vehicular or pedestrian use of the public right of way.

8. The wireless provider has failed to make a safe and timely restoration of the right-of-way or the property upon which the small wireless facility is located.

9. The wireless provider has failed to properly maintain the small wireless facility as required by this chapter.

10. The wireless provider has failed to abate interference with public safety communications in a manner consistent with the abatement and resolution procedures for interference with public safety spectrum established by the FCC including 47 CFR 22.970 through 47 CFR 22.973 and 47 CFR 90.672 through 47 CFR 90.675.

11. The small wireless facility has been abandoned and the wireless provider has failed to remove the small wireless facility as provided in this chapter.

B. Written notification of the permit revocation shall be sent by certified mail or shall be personally delivered to the wireless provider setting forth the basis for the revocation. The wireless provider shall, within fourteen days of the notice of revocation, file a written response with the village engineer or his or her designee setting forth the reasons why the permit should not be revoked along with such evidence in opposition to the revocation as the wireless provider determines necessary. Failure to file a response with the village engineer or his or her designee shall be deemed an admission of the facts set forth in the notification of written notification and shall result in automatic revocation of the permit. The village engineer or his or her designee shall render findings and a decision within twenty-one days of the date of receipt of the wireless provider's response, if any.



C. If the village engineer or his or her designee revokes the permit, the wireless provider may file a written notice of appeal with the Village Clerk within twenty-one (21) days of notification of the permit revocation. Such notice shall contain a response to the decision of the village engineer or his or her designee. The Village Board shall hear the revocation appeal and render a decision on such appeal.

**13-8-21: EXCEPTIONS TO APPLICABILITY:**

A. Nothing in this chapter authorizes the collocation of small wireless facilities on:

1. Property owned by a private party without the written consent of the property owner;
2. Property owned or controlled by a unit of local government that is not located within rights-of-way without the written consent of the unit of local government (local governments are, however, required to authorize the collocation of small wireless facilities on utility poles owned or controlled by the local government or located within rights-of-way to the same extent the local government permits access to utility poles for other commercial projects or uses);
3. A privately-owned utility pole or wireless support structure, without the consent of the property owner;
4. Property owned, leased, or controlled by a park district, forest preserve district, or conservation district for public park, recreation or conservation purposes, without the consent of the affected district, excluding the placement of facilities on rights-of-way located in an affected district that are under the jurisdiction and control of a different unit of local government as provided by the Illinois Highway Code (605 ILCS 5/1-101 et seq.); or
5. Property owned by a rail carrier registered under Section 18c-7201 of the Illinois Vehicle Code (625 ILCS 5/18c-7201), Metra Commuter Rail or any other public commuter rail service, or an electric utility as defined in Section 16-102 of the Public Utilities Act (220 ILCS 5/16-102), without the consent of the rail carrier, public commuter rail service, or electric utility;

B. The provisions of this chapter do not apply to:

1. Facilities of an electric or gas public utility or such utility's wireless facilities if the facilities are being used, developed and maintained consistent with the provisions of subsection (i) of Section 16-108.5 of the Public Utilities Act; or
2. Small wireless facilities owned by the Village.

**SECTION 3:** Section 7-1G-15 (Location of Facilities) of the Village Code of Hinsdale is amended by replacing the existing language of subsection (J) (Distributed Antenna Systems and Small Cell Facilities) with the following, to read in its entirety as follows:

J. Ground-Mounted Equipment Spacing Requirements. Ground-mounted equipment, where necessary, shall be sited in locations approved by the village engineer, in a manner that will most effectively minimize public impact, optimize safety, and incorporate aesthetic concerns.

**SECTION 4:** The following sections and subsections of the Hinsdale Village Code are repealed in their entirety:

Subsection 7-1G-4.D.6. (Permit Required; Applications and Fees) -- specified subsection deleted only;

Subsection 7-1G-5.D. (Action on Permit Applications/Additional Village Review of Applications for Installation of Distributed Antenna Systems)

Section 13-1-2 (Definitions) -- delete definitions of "Distributed Antenna System" and "Small Cell Facility" only; and

Section 13-6-13 (Distributed Antenna System/Small Cell Facility Application Fee).

**SECTION 5:** All ordinances or parts of ordinances in conflict with this Ordinance are hereby expressly repealed.

**SECTION 6:** Except as to the Code amendments set forth above in this Ordinance, all Chapters and Sections of the Village Code, as amended, shall remain in full force and effect.

**SECTION 7:** Each section, paragraph, clause and provision of this Ordinance is separable, and if any provision is held unconstitutional or invalid for any reason, such decision shall not affect the remainder of this Ordinance, nor any part thereof, other than that part affected by such decision.

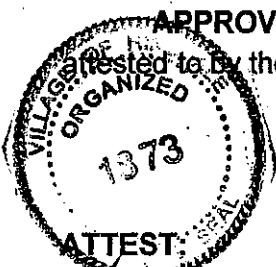
**SECTION 8:** This Ordinance shall be in full force and effect after its passage, approval and publication in pamphlet form as provided by law.

ADOPTED this 4th day of September, 2018, pursuant to a roll call vote as follows:

AYES: Trustees Elder, Ripani, Stifflear, Poshhuma, Byrnes, Byrne

NAYS: None

ABSENT: Trustee Hughes



Christine M. Burton  
VILLAGE CLERK

Jon Cowg  
VILLAGE PRESIDENT