

CHAPTER 1600

SMALL CELL FACILITIES & WIRELESS SUPPORT STRUCTURES

1600.01 PURPOSE AND INTENT

The purpose of this Ordinance is to establish general procedures and standards for the siting, construction, placement, collocation, modification, operation, and removal of small cell facilities and/or wireless support structures within the City of Loveland’s municipal boundaries (the “City”).

The goals of this Ordinance are to:

- A. Provide standards for the siting, construction, placement, collocation, modification, operation, and removal of small cell facilities and wireless support structures within the City.
- B. Establish criteria for making application to promote fair and efficient processing of applications.
- C. Ensure that small cell facilities and wireless support structures conform to all applicable health and safety regulations.
- D. Preserve the character of the City's neighborhoods and historic districts by limiting the overall number of facilities within the City's Right of Way.
- E. Protect public improvements from being disrupted after completion, i.e. streetscaping, sidewalks and ramps and other public improvement projects.
- F. Reduce visual clutter and preserve and enhance the aesthetic environment of the City.
- G. Ensure the safety of motorists, pedestrians, and other users of the City's Rights of Way by limiting the placement and overall number of facilities within close proximity to roadways, sidewalks, or other such ways of travel.
- H. Establish a fair and reasonable method to recover costs incurred in administering this Ordinance.

1600.02 DEFINITIONS

Within this Ordinance, words with specific defined meanings are as follows:

Abandoned. Any small cell facilities or wireless support structures that are unused for a period of three hundred sixty-five days without the operator otherwise notifying the City and receiving the City's approval.

Agent. A person that provides the City written authorization to work on behalf of a public utility.

Antenna. Communications equipment that transmits or receives radio frequency signals in the provision of wireless service.

Applicant. Any person that submits an application to the City to site, construct, place, collocate,

modify, operate, and/or remove a small cell facility or wireless support structure in the City.

Collocation, collocate. To install, mount, maintain, modify, operate, or replace wireless facilities on a wireless support structure or utility pole.

Cable operator, cable service, franchise. These words have the same meanings as in the "Cable Communications Policy Act of 1984," 98 Stat. 2779, 47 U.S.C.A. 522.

Decorative pole. A pole, arch, or structure other than a street light pole placed in the Right of Way specifically designed and placed for aesthetic purposes and on which no appurtenances or attachments have been placed except for any of the following:

- a. Electric lighting;
- b. Specially designed informational or directional signage;
- c. Temporary holiday or special event attachments
- d. Banners on poles authorized by the City.

Enclosure. A cabinet for equipment intended to conceal its contents, prevent electrical shock to users, and protect the contents from the environment.

Equipment. Electrical and/or mechanical devices or components.

Historic District. A building, property, or site, or group of buildings, properties, or sites that are either of the following:

- A. 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-v of the nationwide programmatic agreement codified at 47 C.F.R. part 1, Appendix C; or
- B. A registered historic district as defined in Section 149.311 of the Ohio Revised Code

Ohio Manual of Uniform Traffic Control Devices, OMUTCD. The uniform system of traffic control devices promulgated by the department of transportation pursuant to Section 4511.09 of the Ohio Revised Code.

Occupy, Use. With respect to a Right of Way, to place a tangible thing in a Right of Way for any purpose, including, but not limited to, constructing, repairing, positioning, maintaining, or operating lines, poles, pipes, conduits, ducts, equipment, or other structures, appurtenances, or facilities necessary for the delivery of public utility services or any services provided by a cable operator.

Permittee. A person issued a permit.

Person. Any natural person, corporation, or partnership and also includes any governmental entity.

Public Utility. A wireless service provider as defined in division (A)(20) of Section 4927.01 of the

Ohio Revised Code or any company described in section 4905.03 of the Ohio Revised Code except in divisions (B) and (I) of that section, which company also is a public utility as defined in section 4905.02 of the Ohio Revised Code; and includes any electric supplier as defined in section 4933.81 of the Ohio Revised Code.

Public Way Fee. A fee levied to recover the costs incurred by the City and associated with the occupancy or use of a Right of Way.

Right of Way, Public Way. The surface of, and the space within, through, on, across, above, or below, any public street, public road, public highway, public freeway, public lane, public path, public alley, public court, public sidewalk, public boulevard, public parkway, public drive, public easement, and any other land dedicated or otherwise designated for a compatible public use, which, on or after July 2, 2002, is owned or controlled by a municipal corporation. "Right of Way" excludes a private easement.

Small Cell Facility. A wireless facility that meets both of the following requirements:

- A. Each antenna is located inside an enclosure of not more than 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 enclosure of not more than 6 cubic feet in volume.
- B. All other wireless equipment associated with the facility is cumulatively not more than 28 cubic feet in volume. The calculation of equipment volume shall not include electric meters, concealment elements, telecommunications demarcation boxes, grounding equipment, power transfer switches, cut-off switches, and vertical cable runs for the connection of power and other services.

Small Cell Facility Operator, Operator. A wireless service provider, or its designated agent, or cable operator, or its designated agent, that operates a small cell facility and provides wireless service as defined in division (I) of section 4939.01 of the Ohio Revised Code. For the purpose of this Ordinance, "operator" includes a wireless service provider or cable operator that provides information services as defined in the "Telecommunications Act of 1996," 110 Stat. 59, 47 U.S.C.153(20), and services that are fixed in nature or use unlicensed spectrum.

Substantial Change. Substantial change means the same as defined by the FCC in 47 C.F.R. § 1.40001 (b)(7), as may be amended, and as applicable to facilities in the public right of way, which defines that term as a collocation or modification that:

- A. increases the overall height more than 10% or 10 feet (whichever is greater);
- B. increases the width more than 6 feet from the edge of the wireless support structure;
- C. involves the placement of any new enclosures on the ground when there are no existing ground-mounted enclosures;
- D. involves the placement of any new ground-mounted enclosures that are ten percent (10%) larger in height or volume than any existing ground-mounted enclosures;
- E. involves excavation or deployment of equipment outside the area in proximity to

the installation and other wireless communications equipment already deployed on the ground;

- F. would defeat the existing concealment elements of the wireless support structure as determined by the City Manager, or his/her designee; or
- G. violates a prior condition of approval, provided however that the collocation need not comply with any prior condition of approval related to height, width, enclosures or excavation that is inconsistent with the thresholds for a substantial change.

Note: For clarity, the definition in this Ordinance includes only the definition of a substantial change as it applies to installations in the public right of way. The failure to meet any one or more of the applicable thresholds means that a substantial change would occur. The thresholds for height increases are cumulative limits. For sites with horizontally separated deployments, the cumulative limit is measured from the originally-permitted wireless support structure without regard to any increases in size due to wireless facilities not included in the original design. For sites with vertically separated deployments, the cumulative limit is measured from the permitted site dimensions as they existed on February 22, 2012.

Utility Easement. An easement dedicated for the use of a Public Utilities Council of Ohio regulated utility.

Utility pole. A structure that is designed for, or used for the purpose of, carrying lines, cables, or wires for electric distribution or telecommunications service. The term excludes street signs and decorative poles.

Wireless Facility. Equipment at a fixed location that enables wireless communications between user equipment and a communications network, including all of the following:

- A. Equipment associated with wireless communications;
- B. Radio transceivers, antennas, coaxial or fiber-optic cable, regular and backup power supplies, and comparable equipment, regardless of technological configuration.
- C. The term includes small cell facilities.
- D. The term does not include any of the following:
 - 1. The structure or improvements on, under, or within which the equipment is collocated;
 - 2. Coaxial or fiber-optic cable that is between wireless support structures or utility poles or that is otherwise not immediately adjacent to or directly associated with a particular antenna.

Wireless Service. Any services using licensed or unlicensed wireless spectrum, whether at a fixed location or mobile, provided to the public using wireless facilities.

Wireless Service Provider. A person who provides wireless service as defined in division (A)(20) of section 4927.01 of the Ohio Revised Code.

Wireless Support Structure. A pole, such as a monopole, either guyed or self-supporting, street light pole, traffic signal pole, a 15' or taller sign pole, or utility pole capable of supporting wireless

small cell facilities. As used in section 4939.031 of the Ohio Revised Code and this Ordinance, "wireless support structure" excludes all of the following:

- A. A utility pole or other facility owned or operated by a municipal electric utility;
- B. A utility pole or other facility used to supply traction power to public transit systems, including railways, trams, streetcars, and trolleybuses.

Permit, Work permit. A permit issued by the City that must be obtained in order to perform any work in, on, above, within, over, below, under, or through any part of the Right of Way, including, but not limited to, the act or process of digging, boring, tunneling, trenching, excavating, obstructing, or installing, as well as the act of opening and cutting into the surface of any paved or improved surface that is part of the Right of Way. Also, a permit issued by the City that must be obtained in order to occupy the City's Right of Way.

1600.03 APPLICABILITY

No small cell facility operator may collocate or remove a small cell facility or construct, maintain, modify, operate, replace, or remove wireless support structures in, along, across, upon, and/or under the Right of Way except in conformance with all provisions of this Ordinance and any other applicable requirements of the City.

1600.04 PROCEDURES

A. Permit Required

Unless otherwise exempted, it shall be unlawful for any person to collocate or remove a small cell facility or construct, maintain, modify, operate, replace, or remove wireless support structures in, along, across, upon, and/or under the Right of Way unless a permit has been issued by the City Manager, or his/her designee.

B. Application Requirements

This section specifies the necessary requirements for a complete permit application. A complete application shall consist of the following:

1. Application Fee - The applicant must provide the applicable permit application fee in the amount currently required by the City and listed in the Fee Schedule set forth in Appendix A ("Fee Schedule").
2. RF Compliance Affidavit - Applicants must submit a sworn affidavit prepared and signed by an RF engineer with knowledge about the proposed project that affirms the proposed project will be compliant with all applicable governmental regulations in connection with human exposure to radiofrequency emissions. The affidavit must include:
 - a) All frequencies on which the equipment will operate;

- b) how many channels will be used on each frequency;
- c) the effective radiated power ("ERP")
- d) output level in measured watts; and
- e) the height above ground for the lowest point on the lowest transmitter.

The required disclosures above must be included for all transmitters on the support structure, which includes without limitation existing collocated antennas and antennas used for wireless backhaul (such as microwave dish antenna or U/E relay).

3. Regulatory Authorization - To the extent that the applicant claims any regulatory authorization or other right to use the public right of way, the applicant must provide a true and correct copy of the certificate, license, notice to proceed or other regulatory authorization that supports the applicant's claim.
4. Owner's Authorization - Applicants must submit evidence sufficient to show that either:
 - a) the applicant owns the proposed support structure; or
 - b) the applicant has obtained the owner's authorization to file the application.
5. Site Plans and Structural Calculations. The applicant must submit fully dimensioned site plans, elevation drawings and structural calculations prepared, sealed, stamped and signed by a Professional Engineer licensed and registered by the State of Ohio. Drawings must depict any existing wireless facilities with all existing wireless communications equipment and other improvements, the proposed facility with all proposed wireless communications equipment and other improvements and the legal boundaries of the leased or owned area surrounding the proposed facility and any associated access or utility easements.
6. Equipment and Enclosure Specifications. The applicant shall provide dimensioned elevations, cut sheets, material samples or other construction documents necessary to evaluate for compliance with this Ordinance.

C. Application Type

1. Each application to collocate or remove a small cell facility or construct, maintain, modify, operate, replace, or remove wireless support structures in, along, across, upon, and/or under the Right of Way shall be classified as one of three types. The three types of applications are:
 - a) Small Cell Minor—An application that:
 - 1) Involves removal or replacement of small cell facilities and any associated equipment on an existing wireless support structure; and such removal or replacement does not constitute a substantial change.
 - b) Small Cell Substantial — An application that:

- 1) Involves the installation of a new small cell facility on a wireless support structure; or
 - 2) Involves the removal or replacement of a small cell facility on an existing wireless support structure and such removal or replacement constitutes a substantial change.
- c) Wireless Support Structure — An application for a proposal to construct, modify or replace a wireless support structure in the Right of Way.
2. Applications seeking to collocate a small cell facility to a wireless support structure owned by the City and located within the City Right of Way shall also be required to obtain an Attachment Certificate and shall be subject to an attachment fee in an amount set forth in the Fee Schedule.

D. Decisions

1. The City Manager, or his/her designee, shall review the application for conformance with the standards of this Ordinance and shall either:
 - a) approve, approve with conditions, or deny a Small Cell Minor application; or
 - b) grant or deny consent for Small Cell Substantial and Wireless Structure applications.
2. If a request is denied, the reasons for denial shall be provided in writing to the applicant.
3. The City reserves the right to deny an application if any one of the following conditions exist:
 - a) The application does not comply with a provision of this Ordinance or other ordinance of the City;
 - b) The applicant is not authorized to conduct business in the State of Ohio;
 - c) The applicant is not current in its obligation to pay to the City fees or taxes imposed by this Ordinance;
 - d) The design or location is deemed unsafe or non-compliant in regards to transportation and engineering standards for construction within the Right of Way;
 - e) The design is counter to the health, safety, and welfare of the City;

- f) The design or location is in conflict with current or proposed accessibility standards;
 - g) The design does not meet standards related to electrical, structural, safety or construction best practices.
 - h) The proposed design is in conflict with existing infrastructure, facilities, and/or utilities.
4. Except as allowed in subsection (5) of this section, applications shall be reviewed and a decision rendered within the following time periods:
- a) Small Cell Minor — Small Cell Minor applications shall be rendered within 60 days of the date of filing.
 - b) Small Cell Substantial — Small Cell Substantial applications shall be rendered within 90 days of the date of filing.
 - c) Wireless Support Structure — Wireless Support Structure applications shall be rendered within 120 days of the date of filing.
5. The time period required in subsection (C) of this section may be tolled only:
- a) By mutual agreement between the applicant and the City;
 - b) If the application is determined to be incomplete; or
 - c) The number of applications exceeds the City's capacity to process them in a timely manner. If such number of applications exceeds capacity, then the following tolling time periods may be instituted:
 - 1) The time period may initially be tolled for up to 15 days when the number of applications received within any consecutive 30-day period exceeds 15 applications;
 - 2) For every additional 15 applications that the City receives above the 15 applications stated in (a) the time period may be tolled an additional 15 days; and
 - 3) For every additional 30 applications that the City receives above the 15 applications stated in (a) the time period may be tolled an additional 15 days.
 - 4) However, in no instance shall the time tolled exceed 90 consecutive days.

6. To toll the time period for incompleteness, the City shall provide the applicant notice within 30 days of the date of filing. Such notice shall include a listing of the missing documents and/or information. The time period resumes once the applicant submits a response. If an application is still incomplete, the City shall notify the applicant within 10 days of the response.
7. In the case of a consolidated application, each small cell facility or wireless support structure proposed to be constructed, modified, collocated, or replaced shall constitute a separate application.
8. If multiple applications are received by the City to install two or more wireless support structures that would violate the spacing requirements of 1600.05(B)(2)(b)— Design & Siting Requirements, or to collocate two or more small cell facilities on the same wireless support structure, the City shall process and render a decision in the order they are received.
9. In the event that an application is received by the City to install a wireless support structure or small cell facility in a location in common with another application for a facility in the right of way, preference shall be granted in the following order of service provided:
 - a) Municipal Infrastructure
 - b) Water
 - c) Electricity
 - d) Gas
 - e) Landline Telephone
 - f) Wireless Service

E. Amendments

Amendments to an application in process which are not part of a response to a notice of incompleteness or a correction notice shall be treated as a new application.

F. Issuance of Permit and Certificates

1. When an application is approved or granted consent, a permit shall be issued to the applicant authorizing the following:
 - a) Small Cell Work Permit — A permit to perform the approved removal, replacement, or maintenance work, subject to any conditions;
 - b) Small Cell Collocation Permit — A permit to perform the approved removal, replacement, or installation, and grant occupancy within the City Right of Way, subject to any conditions;
 - c) Wireless Support Structure Permit — A permit to construct, modify or replace a

wireless support structure in the Right of Way.

2. An applicant seeking collocation of a small cell facility to a wireless support structure owned by the City and located within the City Right of Way shall be issued an Attachment Certificate authorizing such attachment, subject to any conditions.

G. Scope of Approval

1. No permit or certificate authorized by this Ordinance shall be transferrable.
2. No permit or certificate authorized by this Ordinance shall convey title, equitable or legal, in the Right of Way.

H. Duration of Approval

1. The work authorized by the permit issued must be completed within 180 days from the date of issuance, unless otherwise conditioned as part of the approval.
2. An Attachment Certificate is valid for 10 years from the date of issuance and may be renewed by the applicant in successive 5 year terms. Any request for renewal is subject to approval by the City Manager, or his/her designee, and may be denied for cause.
3. In the event that any court of competent jurisdiction invalidates any portion of federal law which mandates approval of any permit, such permit shall automatically expire 1 year from the date of the judicial order.
4. In the event that any court of competent jurisdiction invalidates any portion of state law which mandates approval of any permit shall automatically expire 60 days from the date of the judicial order and any structure shall be removed in accordance with Section 100.05(A)(13) General Standards unless otherwise authorized.

I. Revocation

The following are grounds for revocation or denial of approval:

1. The intentional provision of misleading information by the applicant (the provision of information is considered "intentional" where the applicant was aware of the inaccuracies or could have discovered the inaccuracies with reasonable diligence);
2. The failure to comply with any condition of approval, order, or other applicable law, rule, or regulation;
3. The site, structure or operation is otherwise not in compliance with any other provision(s) of applicable law;
4. The subject site or use is otherwise not in compliance due to incomplete work or

projects, or is not in compliance due to unperformed work as part of an open permit.

J. Appeals

1. The Board of Zoning Appeals shall act as the Board of Appeals for items concerning this Ordinance and shall hear and decide upon appeals where it is alleged there is an error in any written decision made by the City Manager, or his/her designee, in the enforcement of this Code.
2. A complete written appeal shall be filed by the appellant within 10 days of the written decision of the City Manager, or his/her designee, or the appeal shall become void. The appeal shall be filed with the Board of Zoning Appeals. The written appeal shall:
 - a) Cite specific provisions of this Ordinance that are alleged to have been interpreted in error or the specific action being appealed and the grounds on which the appeal is being made;
 - b) Include application fee payable to the City as stated in the Fee Schedule.
 - c) Include such other information as may be required to render a reasonable decision.
3. An aggrieved party, City Manager, or his/her designee, may appeal the Board of Appeals decision in accordance with ORC 2506.

1600.05 DESIGN STANDARDS

A. General

The City desires to promote orderly small cell facility and wireless support structure installations using the smallest and least intrusive means available to provide services to the community. All such installations in the public right of way shall comply with all applicable provisions in this section. All applications shall be subject to the following conditions:

1. Compliance with all Applicable Laws — Permittee shall at all times maintain compliance with all applicable federal, state and local laws, regulations, ordinances, or other rules.
2. Right to Inspect — The City, or its designee, may inspect a small cell facility or wireless support structure within the Right of Way upon reasonable notice to the permittee. The permittee shall cooperate with all inspections. The City reserves the right to support, repair, disable, or remove any elements of the small cell facility or wireless support structure in emergencies or when the small cell facility or wireless support structure

threatens imminent harm to persons or property.

3. Contact information — Permittee shall at all times maintain accurate contact information for all parties responsible for the small cell facility or wireless support structure, which shall include a phone number, street mailing address, and email address for at least one natural person. Permittee shall provide an emergency contact number that will allow the City to reach a representative of the Permittee afterhours in the event of an emergency. All such contact information for responsible parties shall be provided to the Public Work Department, or its equivalent.
4. Indemnities — The permittee and, if applicable, the non-government owner of a small cell facility or wireless support structure shall defend, indemnify, and hold harmless the City and its agents, officers, officials, and employees from:
 - a) Any and all negligent or wrongful acts or omissions, damages, liabilities, injuries, losses, costs, and expenses arising out of any claims, demands, lawsuits, writs of mandamus, or other actions or proceedings brought against the City to challenge, attack, seek to modify, set aside, void, or annul the City's approval of the applicable permit or certificate; and
 - b) Any and all negligent or wrongful acts or omissions damages, liabilities, injuries, losses, costs, and expenses and any claims, demands, lawsuits, or other actions or proceedings of any kind, whether for personal injury, death, or property damage, arising out of or in connection with the activities or performance of the permittee or its agents, employees, licensees, contractors, subcontractors, or independent contractors.
 - c) In the event the City becomes aware of any such actions or claims, the City shall promptly notify the permittee and shall reasonably cooperate in the defense. It is expressly agreed that the City shall have the right to approve, which approval shall not be unreasonably withheld, the legal counsel providing the City's defense, and the permittee (as applicable) shall reimburse the City for any costs and expenses directly and necessarily incurred by the City in the course of the defense.
5. Interference with City Communication Services — In the event that the City has reason to believe that permittee's operations are causing interference with the City's radio communications operations, then the permittee shall, at its cost, immediately cooperate with the City to either rule out permittee as the interference source or eliminate the interference. Cooperation with the City may include, but shall not be limited to, temporarily switching the equipment on and off for testing.
6. Adverse Impact — Permittee shall undertake all reasonable efforts to avoid undue adverse impacts to adjacent properties and/or uses that may arise from the construction, operation, maintenance, modification, or removal of the small cell facility or wireless support structure.

7. Maintenance — The site and the small cell facility or wireless support structure, including but not limited to all landscaping, fencing, and related equipment, must be maintained in a neat and clean manner and in accordance with all approved plans and conditions of approval.
8. Good Condition — Small cell facilities and wireless support structures shall at all times employ best practices and maintain in use only the best available technology and methods for preventing failures and accidents so that the same shall not menace or endanger the life or property of any person.
9. Graffiti and Vandalism — Permittee shall remove any graffiti at permittee's sole expense.
10. Exposure to RF Radiation — All small cell facilities must comply with all standards and regulations of the FCC and any other state or federal government agency with the authority to regulate RF exposure standards.
11. Utility Lines — Service lines must be undergrounded whenever feasible to avoid additional overhead lines and as governed by the City's requirements for underground or buried utility areas.
12. Relocation for Public Improvements — Permittee shall remove and relocate the permitted small cell facility and/or wireless support structure at permittee's sole expense to accommodate construction of a public improvement project by the City.
13. Removal if Discontinued — In the event that the use of a small cell facility is discontinued, the owner shall provide written notice to the City of its intent to discontinue use and the date when the use shall be discontinued. If a small cell facility is not removed within 90 days of discontinued use, the City may remove it at the owner's expense irrespective of the notice requirement under this section.
14. Abandoned — In the event that the use of a small cell facility is abandoned, the City may remove it at the owner's expense.
15. Site Restoration
 - a) Upon completion of any work, the contractor shall restore the street and/or alley pavement as required;
 - b) Upon completion of any work, the contractor shall restore all concrete walks, driveway aprons, and other concrete as required;
 - c) Upon completion of any work, the contractor shall restore all tree lawns and/or sod strips with topsoil and sod.
16. General Construction. All work and designs shall comply with the following general

standards for construction of the City's Right of Way:

- a) Loveland or Clermont County Standard Construction Drawings;
 - b) Loveland or Clermont County Construction and Material Specifications;
 - c) Ohio Department of Transportation (ODOT) Location and Design Manual;
 - d) ODOT Standard Drawings;
 - e) ODOT Construction and Material Specifications;
 - f) Ohio Manual of Traffic Control Devices;
 - g) NACTO Urban Street Design Guidelines;
 - h) American Association of State Highway Transportation Officials (AASHTO) A Policy on Geometric Design of Highways and Streets;
 - i) AASHTO Roadside Design Guide;
 - j) AASHTO Guide for the Planning, Design, and Operation of Pedestrian Facilities;
 - k) AASHTO Guide for Development of Bicycle Facilities;
 - l) United States Access Board (USAB) Proposed Guidelines for Pedestrians in the Public Right-of-Way;
 - m) USAB American with Disabilities Act Accessibility Guidelines;
 - n) National Fire Protection Association 70 National Electric Code; and
 - o) all other applicable local, state, and federal codes and regulations.
17. Taxes and assessments — To the extent taxes or other assessments are imposed by taxing authorities on the use of City property as a result of an applicant's use or occupation of the right of way, the applicant shall be responsible for payment of such taxes, payable annually unless otherwise required by the taxing authority.
18. Interference — Small cell wireless and wireless support structures shall be constructed and maintained in such a manner that will not interfere with the use of other property.
19. Financial Condition - All owners must procure and provide to the City a bond, or must provide proof of an equivalent financial mechanism, to ensure compliance with all provisions of this Ordinance. Such bond or financial mechanism must specifically cover the cost of removal of the item placed in the Right of Way.
20. Setbacks for Visibility and Access - Any new small cell facility or wireless support structure and other improvements associated with a new small cell facility or wireless

support structure or an existing small cell facility or wireless support structure must be setback from intersections, alleys and driveways and placed in locations where it will not obstruct motorists' sightlines or pedestrian access.

21. Obstructions - Any new small cell facility or wireless support structure and other improvements associated with a new small cell facility or wireless support structure or an existing small cell facility or wireless support structure shall not obstruct any:
 - a) worker access to any above-ground or underground infrastructure for traffic control, streetlight or public transportation, including without limitation any curb control sign, parking meter, vehicular traffic sign or signal, pedestrian traffic sign or signal, barricade reflectors;
 - b) access to any public transportation vehicles, shelters, street furniture, public sidewalks or other right of way improvements;
 - c) worker access to above ground or underground infrastructure owned or operated by any public or private utility agency;
 - d) fire hydrant access;
 - e) access to any doors, gates, sidewalk doors, passage doors, stoops or other ingress and egress points to any building appurtenant to the right of way; or
 - f) access to any fire escape.
22. Historic or Architecturally Significant Structures - Any new utility installation and other improvements associated with a new utility installation or an existing utility installation may not be placed directly in front of any historic or architecturally significant structures unless no other location is available and if placed shall comply with any design or concealment measures in an historic district.
23. No placement of any small cell facility or wireless support structure shall necessitate tree trimming, cause removal of, or otherwise damage any tree located within the City's Right of Way or a designated utility easement. Such small cell facility or wireless support structure shall not be located within the eventual mature dripline or tree crown of any existing tree located within the City's Right of Way or a designated utility easement.

B. Design and Siting Requirements

1. General Requirements
 - a) Wireless support structures shall align with other poles to achieve a uniform inline appearance.
 - b) Wireless support structures shall be setback from the edge of pavement according to applicable safety and construction standards as set forth in 1600.05(A)(16) - General.
 - c) All small cell facilities and wireless support structures and any related items shall be installed and maintained plumb and level and shall maintain an orderly and neat

appearance.

- d) All equipment and enclosures shall be attached, anchored and/or strapped tightly to poles using corrosion resistant steel hardware.
- e) Wireless support structures shall support no more than two small cell facilities.
- f) Ambient noise suppression measures or placement of the equipment in locations less likely to impact adjacent properties shall be required to ensure compliance with all applicable noise regulations.
- g) Unless otherwise required for compliance with FAA or FCC regulations, the small cell facility or wireless support structure shall not include any permanently installed lights. Any lights associated with the equipment shall be appropriately shielded from public view. This shall not be interpreted to prohibit streetlights or the placement of luminaires by the City.

2. Location

- a) In accordance with ORC 4939.0314(D), Authority of a Municipal Corporation, the City shall reserve the right to propose an alternate location to the proposed location of a new wireless support structure, provided the alternate location is within 100' or a distance equal to the width of the Right of Way in or on which the new wireless support structure is proposed, whichever is greater. The City also finds that certain locations and collocation configurations are preferred. A preferred location and collocation configuration should be utilized whenever possible and should only be surpassed if in the determination of the City Manager, or his/her designee, clear and convincing evidence supports such a decision. Cost alone should not be grounds for such a determination. The order of preference is as follows:
 - 1) First, small cell facilities should be collocated on an existing pole or wireless support structure within an alley. If no such pole or wireless support structure is available, then proceed to the next preference;
 - 2) Second, small cell facilities should be collocated on an existing pole or wireless support structure within a utility easement. If no such pole or wireless support structure is available, then proceed to the next preference;
 - 3) Third, small cell facilities should be collocated on a new wireless support structure within a utility easement. If no such location is available, then proceed to the next preference;
 - 4) Fourth, small cell facilities should be collocated on a new wireless support structure within an alley. If no such location is available, then proceed to the next preference;
 - 5) Fifth, small cell facilities should be collocated on a wireless support structure currently supporting a small cell facility located within the

City Right of Way. If no such wireless support structure is available, then proceed to the next preference;

- 6) Sixth, small cell facilities should be collocated on an existing pole located within the City Right of Way. If no such existing pole is available, then proceed to the next preference;
- 7) Seventh, small cell facilities should be collocated on a new wireless support structure located within a utility easement. If no such location is available, then proceed to the next preference;
- 8) Eighth, small cell facilities should be collocated on a new wireless support structure located within the City Right of Way.

b) Any new wireless support structure shall be located at least 750 feet from any existing small cell facility.

3. Wireless Facilities Design

a) Wireless support structures shall be subject to the following design standards:

- 1) Wireless support structure and any collocated antennas shall be limited to 40 feet in height.
- 2) Wireless support structures shall be capable of supporting at least two small cell facility operators.
- 3) New wireless support structures shall have the following design elements:
 - i. Material — aluminum poles;
 - ii. Color — black anodized;
 - iii. Diameter —not greater than 12 inches;
 - iv. Style — smooth round tapered profile; should be fluted in certain areas to better match existing streetscape design;
 - v. Base — trapezoidal pedestal base on a reinforced concrete footing/foundation pier not to exceed 6 inches above grade if feasible;
 - vi. Exception — If the neighborhood context would be better served by a pole of a different material, color, style, or base as determined by the City Manager, or his/her designee, then such design elements may be substituted with an alternate design element. Such determination shall be based on the following factors:

1. The design features of nearby poles serving in a similar capacity;
 2. The design features of the existing or proposed streetscape, district, or site;
 3. The historical context of a district or specific site;
 4. A desire to camouflage or conceal the pole from view.
- b) Small cell facilities shall be subject to the following design standards:
- 1) The City reserves the right to require the following:
 - i. Antenna and all associated equipment shall be concealed to the extent deemed necessary by the City Manager, or his/her designee, in response to the aesthetic context of the small cell facility. Some possible configurations include but shall not be limited to the following:
 1. Antenna(s) associated with the first fitting on a wireless support structure shall be top-mounted and concealed within a radome that matches the color of the pole on which it is mounted and also conceals the cable connections, antenna mount and other hardware. The City Manager, or his/her designee, may approve a side-mounted antenna with the initial fitting if, or approve an alternate color, if in the City Manager's, or his/her designee's discretion, the side-mounted antenna or alternate color would be more appropriate given the built environment, neighborhood character, overall site appearance and would promote the purposes of this Ordinance.
 2. GPS antennas be placed within the radome or directly above the radome not to exceed six inches.
 - 2) Each Antenna and all associated equipment shall not exceed 6 cubic feet in volume.
 - 3) All portions of a Small Cell Facility other than an antenna and as identified by the ORC 4939.01 (P)(2), shall not exceed 21 cubic feet in volume per facility.
 - 4) Small cell facilities mounted to a wireless support structure shall be completely concealed within a common enclosure capable of containing at

least two small cell facilities. Such common enclosures shall:

- i. not exceed 21 cubic feet in volume;
- ii. not exceed 90 inches in height, 20 inches in width, or 20 inches in depth;
- iii. not extend more than 24 inches away from the pole on which it is mounted;
- iv. shall be centered on the vertical axis of the pole to which it is mounted;
- v. be mounted at a distance of at least 10 feet measured from grade to the bottom of the enclosure;
- vi. be mounted on the side of the pole opposite the side from which the nearest traffic lane's direction of travel approaches the pole. The City Manager, or his/her designee, may approve an alternate mounting orientation, if in the City Manager's, or his/her designee's discretion, the alternate mounting orientation would be more appropriate given the built environment, neighborhood character, overall site appearance and would promote the purposes of this Ordinance.

5) Such common enclosures shall have the following design elements:

- i. Material—The enclosure material shall be metal, a composite, or an equivalent
- ii. material as determined by the City Manager, or his/her designee.
- iii. Color — The enclosure shall match the color of the pole on which it is mounted unless the surrounding context of the small cell facility is better suited to another color, as determined by the City Manager, or his/her designee.
- iv. Style — The enclosure shall match the style, or lack thereof, of the pole on which it is mounted unless the surrounding context of the small cell facility is better suited to another style, as determined by the City Manager, or his/her designee.
- v. Coordinated Design Elements — common enclosures when located within 3000 feet of an existing common enclosure shall match the design elements of the existing common enclosure unless the surrounding context of the small cell facility is better suited to an alternate design.

- 6) All ground mounted equipment shall be placed in an underground vault. No above grade ground mounted equipment in service of a small cell facility is permitted unless a waiver is requested and the following conditions can be satisfied as determined by the City Manager, or his/her designee:
 - i. The applicant has submitted clear and convincing evidence that the equipment cannot feasibly be pole-mounted, placed in an underground vault, or hidden within or integrated into an existing streetscape element (i.e. - bus stop shelter). Increased costs alone shall not be a consideration. If a ground mounted enclosure is approved, the City Manager, or his/her designee, shall reserve the right to require any of the following conditions:
 1. Concealed Enclosure — All equipment shall be completely concealed within a metal, composite, or equivalent material enclosure as determined by the City Manager, or his/her designee.
 2. Smallest Size — The enclosure shall be no larger than necessary based on the smallest available size of the proposed equipment as determined by the City Manager, or his/her designee.
 3. Camouflage — Camouflaging elements may be required. Such elements may include, but shall not be limited to strategic placement in less visible or obtrusive locations, placement within an existing streetscape element, landscape screening, and strategic painting or coating to camouflage such enclosure or equipment.
 4. The maximum height of any such enclosure shall be 36".
- 7) The vertical cable runs for the connection of power and other services on all small cell facilities collocated on new wireless support structure installations shall be concealed within the wireless support structure. The vertical cable runs for the connection of power and other services on all small cell facilities collocated on existing wireless support structure installations shall be concealed within the wireless support structure, unless it is determined not possible by the City Manager, or his/her designee. The vertical cable runs for the connection of power and other services on all small cell facilities collocated on utility poles shall be mounted to the surface of the pole within conduit.
- 8) Electric meters, telecommunications demarcation boxes, grounding equipment, power transfer switches, and cut-off switches shall be mounted on the same side of the pole as the small cell facilities common enclosure and shall match the color of the small cell wireless facilities and the color of the

pole on which it is mounted. The City Manager, or his/her designee, may approve an alternate mounting orientation or color, if in the City Manager's, or his/her designee's discretion, the alternate mounting orientation or alternate color would be more appropriate given the built environment, neighborhood character, or overall site appearance and would promote the purposes of this Ordinance.

C. Reservation of Right of Way

The City reserves the right to Reserve space for future public safety or transportation uses in the Right of Way or on a wireless support structure or pole owned or operated by the City in a documented and approved plan in place at the time an application is filed. A reservation of space shall not preclude placement of a pole or collocation of a small cell facility. If replacement of the City's pole or wireless support structure is necessary to accommodate the collocation of the small cell facility and the future use, the small cell facility operator shall pay for the replacement of the pole or wireless support structure, and the replaced pole or wireless support structure must accommodate the future use.

D. Independent Power and Communications Sources Required

Small cell facilities located on city-owned wireless support structures may not use the same power or communication source providing power and/or communication for the existing facility original to the purposes of the support structure. The independent power source must be contained within a separate conduit inside the support structure. The applicant shall coordinate, establish, maintain and pay for all power and communication connections with utilities.

E. Undergrounding

Wireless support structures shall be subject to compliance with the City's requirements for underground or buried utility areas unless a waiver has been granted under Design Standards Section 1600.05(B)(3)(b)(6) as stated herein.

F. Nonconformity

A nonconforming small cell facility and/or wireless support structure shall immediately lose its nonconforming designation and must be brought into compliance with all of the provisions of this Ordinance, and all other applicable City laws and ordinances or be removed if any of the following conditions are present:

1. The nonconforming small cell facility and/or wireless support structure or a part of the nonconforming small cell facility and/or wireless support structure is altered, modified, relocated, replaced, or changed in any manner whatsoever;
2. The nonconforming small cell facility and/or wireless support structure is damaged or deteriorated and requires any process of reconstruction, repair, maintenance, or restoration, and the cost of said reconstruction, repair, maintenance, or restoration exceeds fifty percent of the small cell facility and/or wireless support structure's replacement cost;

3. The nonconforming small cell facility and/or wireless support structure is abandoned.

G. Conflict with Other Provisions

In the event that any other applicable law or code requires any more restrictive requirements, the most restrictive requirement shall control.

H. Severability

The provisions of any part of this Ordinance are severable. If any provision or subsection, or the application of any provision or subsection to any person or circumstances, is held invalid, the remaining provisions, subsection, and applications of such ordinance to other persons or circumstances shall not be made invalid as well. It is declared to be the intent of this section that the remaining provisions would have been adopted had such invalid provisions not been included in this Ordinance when originally adopted by City Council.

I. Penalties

1. Any person in violation of any of the terms of this Ordinance, or who, being the owner or agent of the owner of any lot, tract, or parcel of land, shall suffer or permit another to erect, construct, reconstruct, alter, repair, convert, attach, or maintain any such facility, shall be deemed to have violated the provisions hereof and commits a misdemeanor of the first degree with each day during the period such violation continues constituting a separate offense.
2. If any utility installation is erected, constructed, reconstructed, altered, repaired, converted, attached, or maintained in violation of this Ordinance or of any regulations made pursuant hereto, the proper officer of the City, in addition to other remedies, may institute in the name of the City any appropriate action or proceeding, whether by legal process or otherwise, to prevent such unlawful erection, construction, reconstruction, alteration, repair, conversion, maintenance, attachment, or use, to restrain, correct, or abate such violation, to prevent the use of such utility installation, and/or to prevent any illegal act, conduct, business, or use in or about such utility installation.
3. The City Manager, or his/her designee, is authorized to make requests and to issue orders regarding utility installations in the right of way for the purpose of public safety and compliance with this Ordinance. The City Manager, or his/her designee, is also authorized to conduct visual and external inspections of utility installations in the right of way at any time and shall make efforts to coordinate with the provider responsible for a utility installation for any internal inspection of the relevant equipment.

APPENDIX A

ITEM	FEE
Small Cell Work Permit Application Fee	\$250
Small Cell Collocation Permit Application Fee	\$250
Wireless Support Structure Permit Application Fee	\$250

Attachment to Municipal Pole (annual charge)	\$200
Waiver/Appeal Application Fee	\$250