



Agenda Item Number: 6b

Meeting Date: 7/8/2020

Presenter: Ray McCandless

## REQUEST FOR COUNCIL ACTION

**Requestor:** Planning Staff

**Meeting Date Requested:** 7/8/2020

**Department:** Development Services

**Date Final Action Required:** 7/8/2020

**Meeting Type:** ☐ Work Session ☒ Public Hearing ☐ Business Item ☐ Other Consent Item

**Action Requested:** ☐ Provide Information ☐ Request Feedback ☒ Decision ☐ Other

**Time Requested:** **Total Time:** 20 Minutes (Presentation Time: 5 minutes Council Discussion: 15 minutes)

**Signatures:**

Submitter: Ray McCandless

Dept. Head: Scott Langford (Jul 1, 2020 15:59 MDT)

Reviewed as to Form: Duncan Murray (Jul 1, 2020 15:26 MDT)

Executive: Korban Lee (Jul 1, 2020 22:33 MDT)

Council Office: Alu Rull

**AGENDA SUBJECT** Small and micro wireless telecommunication facilities located in the public right-of-way.

**PURPOSE FOR COUNCIL TIME** To establish design, size, location and height standards for micro and small wireless facilities, located in public rights-of-ways as defined in the 2018 Small Wireless Deployment Act, codified in Utah Code Ann. Chapter 54-21.

**SUMMARY** Consideration and Adoption of Ordinance #20-17 regarding "Micro Wireless Facility" and "Small Wireless Facility" in Chapter 16, Low Power Radio Service Antennas and Chapter 13-2-3 Definitions of the 2009 City Code.

**TIME SENSITIVITY / URGENCY** None

**BUDGET IMPACT** No budget impact

**STAFF RECOMMENDATION** Staff recommends approval of Ordinance #20-17

**PLANNING COMMISSION RECOMMENDATION** The Planning Commission recommends that the City Council approve Ordinance #20-17.

**MOTION RECOMMENDED** I move to approve Ordinance 20-17 amending the 2009 City Code, Chapter 16, Low Power Radio Service Antennas and Section 13-2-3 Definitions, creating standards specific to Micro and Small Wireless telecommunication facilities in the public right-of-way.

**MAYOR RECOMMENDATION** N/A

**PACKET ATTACHMENT(S)**

Staff Report

Ordinance 20-17

Planning Commission Minutes

**OTHER INFORMATION** N/A

## **STAFF REPORT**

### **I. BACKGROUND**

The proposed ordinance will establish design, location and height standards for micro wireless facilities and small wireless facilities, as defined by Utah Code Ann. Chapter 54-21, located in the public right-of-way.

The Planning Commission reviewed the proposed ordinance on June 16, 2020 and unanimously voted (5-0) to forward a positive recommendation to the City Council to adopt the ordinance. Representatives from two wireless telecommunication companies have also reviewed the proposed ordinance and provided input.

### **II. GENERAL INFORMATION & ANALYSIS**

On September 1, 2018, the Utah State Legislature adopted the Small Wireless Deployment Act, codified in Utah Code Ann. Chapter 54-21, which now requires cities to allow certain types of small wireless telecommunication facilities to locate in the public right-of-way. Chapter 13-16 (Low Power Radio Service Antennas) of the 2009 City Code does not currently allow wireless telecommunication facilities in the public right-of-way, meaning that City Code needs to be amended to comply with State Code requirements.

State Code defines two types of facilities; namely, micro wireless facilities and small wireless facilities.

A micro wireless facility as defined by State Code only provides Wi-Fi service and is no larger than 24 inches in length, 15 inches in width, and 12 inches in height and can be integrated into a new freestanding pole or mounted on overhead power poles or light poles in the public right-of-way.

A small wireless facility is larger than a micro wireless facility and can be integrated into a new freestanding pole or mounted on overhead power poles or light poles in the public right of way. The antennas must fit within an enclosure of no more than 6 feet in volume and the electrical equipment must fit within an enclosure no more than 28 cubic feet in volume. As the two types of facilities can be placed on the same structures, the proposed City Code requirements are the same for both types of facilities.

State Code also grants municipalities the ability to adopt limited design standards that make the facilities more compatible with adjoining uses. The proposed ordinance contains design standards for each facility type including maximum antenna dimensions and maximum dimensions for the associated electrical equipment cabinets that are consistent with State Code.

The proposed ordinance establishes standards to ensure public health and safety and contains location and design standards. Location standards that are noteworthy include the following:

- No freestanding pole may be closer than 250 feet away, measured radially, from another freestanding micro or small wireless telecommunications facility.
- Freestanding poles are not allowed within a right-of-way that is 60 feet wide or less and adjacent to single-family residential lots, other multifamily residences, or undeveloped land that is designated for residential use by zoning or Future Land Use Map.

Significant design standards being proposed include the following:

- Pole height shall not exceed 50 feet. Pole height shall be measured from the top of the foundation to the top of the antenna (antenna enclosure). (Note: The maximum 50' pole height is set by State Code)
- New or replacement facilities shall match the look of existing adjacent streetlights and utility poles as closely as possible.

The additional location and design standards are included in the proposed ordinance. The changes affect 2009 City Code; namely, Section 13-2-3 (Definitions) and Chapter 13-16 (Low Power Radio Service Antennas).

### III. FINDINGS OF FACT

Section 13-7-D, requires that the City Council make the following findings before approving a text amendment to the 2009 City Code:

**Criteria 1:** *The proposed amendment conforms to the general plan and is consistent with the adopted goals, objectives and policies described therein;*

**Discussion:** Although there are no goals or policies specific to wireless telecommunications facilities, the General Plan encourages regular updates to the City Code to keep it current. Related goals and policies include the following:

*“Adopt ordinances that will help eliminate cluttered, aesthetically unpleasing commercial areas.” Page 36*

*“Prohibit incompatible and disruptive land uses.” Page 36*

*“Enforce all applicable development codes in order to prevent commercial areas from becoming blighted.” Page 37*

This amendment will update City Code to be consistent with State Code. The proposed standards will minimize visual clutter and maintain public safety, while allowing these facilities to be placed in the public right-of-way as allowed by State Code.

**Finding:** The proposed amendment conforms to the General Plan and is consistent with the adopted goals, objectives and policies described therein.

**Criteria 2:** *The proposed amendment is appropriate given the context of the request and there is sufficient justification for a modification to this title;*

**Discussion:** There is sufficient justification to modify City Code given the changes to State Code that now require cities to allow certain types of micro wireless facilities and small wireless facilities in the public right-of-way. The proposed amendment establishes standards for these structures as required by state law.

**Finding:** The proposed amendment is appropriate given the context of the request and there is sufficient justification for a modification to this title.

**Criteria 3:** *The proposed amendment will not create a conflict with any other section or part of this title or the general plan;*

**Discussion:** The proposed amendment is specific to micro wireless facilities and small wireless facilities only and does not create any conflict with the zoning ordinance or general plan.

**Finding:** The proposed amendment will not create a conflict with any other section or part of the Municipal Code or the General Plan.

**Criteria 4:** *The proposed amendment does not relieve a particular hardship, nor does it confer any special privileges to a single property owner or cause, and it is only necessary to make a modification to this title in light of corrections or changes in public policy.*

**Discussion:** The proposed ordinance does not relieve a hardship or give special privileges to an individual property owner. Utah State Code prohibits a local jurisdiction from imposing standards that are discriminatory. Section 54-21-103(4) states the following:

*“An authority may adopt design standards for the installation and construction of a small wireless facility or utility pole in a public right-of-way that:*

*(a) are reasonable and nondiscriminatory...”*

The draft ordinance as written will have city wide application and will not relieve a particular hardship or grant special privileges to any one person or entity.

**Finding:** The proposed amendment does not relieve a particular hardship, nor does it confer any special privileges to a single property owner or cause, and it is only necessary to make a modification to this title(s) in light of corrections or changes in public policy.

**Conclusion:**

The proposed Text Amendment brings the 2009 City Code into compliance with State law.

**Attachments:**

Exhibit A – Ordinance

Exhibit B – Planning Commission Meeting Minutes

**EXHIBIT A - ORDINANCE**

**THE CITY OF WEST JORDAN, UTAH**

**A Municipal Corporation**

**ORDINANCE NO. 20-17**

**AN ORDINANCE AMENDING SECTIONS 13-2-3 DEFINITIONS AND CHAPTER 16  
LOW POWER RADIO SERVICE ANTENNAS OF THE 2009 CITY CODE OF THE  
CITY OF WEST JORDAN, UTAH**

WHEREAS, On September 1, 2018, the Utah State Legislature adopted the Small Wireless Deployment Act, codified in Utah Code Ann. Chapter 54-21, which requires cities to allow certain types of small wireless telecommunication facilities to locate in the public right-of-way; and,

WHEREAS, on June 16, 2020 the request was considered by the Planning Commission, which has made a positive recommendation to the City Council; and

WHEREAS, a public hearing, pursuant to public notice, was held before the City Council on July 8, 2020; and,

WHEREAS, the City Council of the City of West Jordan finds that:

1. The proposed amendment conforms to the general plan and is consistent with the adopted goals, objectives and policies described therein; and,
2. The proposed amendment is appropriate given the context of the request and there is sufficient justification for a modification to this title; and,
3. The proposed amendment will not create a conflict with any other section or part of this title or the general plan; and,
4. The proposed amendment does not relieve a particular hardship, nor does it confer any special privileges to a single property owner or cause, and it is only necessary to make a modification to this title in light of corrections or changes in public policy;

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF WEST JORDAN, UTAH:

- Section 1. The 2009 City Code of the City of West Jordan, Utah, is hereby amended as attached as Exhibit A.
- Section 2. This Ordinance shall become effective upon publication or upon the expiration of twenty days following passage, whichever is earlier.

Passed and adopted by the City Council of West Jordan, Utah, this 8<sup>th</sup> day of July 2020.

CITY OF WEST JORDAN

By: \_\_\_\_\_  
Christopher McConnehey  
Council Chair

ATTEST:

\_\_\_\_\_  
Alan R. Anderson  
Interim Council Office Director

**Voting by the City Council**

**"YES"**

**"NO"**

**Chair Chris McConnehey**  
**Council Member Kelvin Green**  
**Council Member Zach Jacob**  
**Council Member Chad Lamb**  
**Council Member David Pack**  
**Council Member Kayleen Whitelock**  
**Council Member Melissa Worthen**

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**Mayor Dirk Burton**

**Approve** \_\_\_\_\_

**Veto** \_\_\_\_\_

**Date** \_\_\_\_\_, 2020

ATTEST:

\_\_\_\_\_  
Cindy M. Quick, MMC  
City Recorder



## **CITY CLERK/RECORDER'S CERTIFICATE OF PUBLICATION**

I, Cindy Quick, certify that I am the City Recorder of the City of West Jordan, Utah, and that the foregoing ordinance was published in the Legal Section, of the Salt Lake Tribune, on the \_\_\_\_\_ day of \_\_\_\_\_, 2020, pursuant to Utah Code Annotated, 10-3-711.

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Cindy M. Quick, MMC  
City Recorder

[SEAL]

## LEGISLATIVE DRAFT

### 13-2-3: DEFINITIONS:

ANTENNA, MICRO WIRELESS FACILITY means a type of small wireless facility that, not including any antenna, is no larger in dimension than 24 inches in length, 15 inches in width, and 12 inches in height, on which any exterior antenna is no longer than 11 inches and that only provides Wi-Fi service that is integrated into a new freestanding pole or mounted on overhead power poles or light poles in the public right of way as defined by Utah Code, Chapter 54-21 or as amended.

ANTENNA, SMALL WIRELESS FACILITY means a type of wireless facility that is integrated into a new freestanding pole or mounted on overhead power poles or light poles in the public right of way on which each wireless provider's antenna can fit within an enclosure of no more than six cubic feet in volume and associated electrical equipment (except the electric meter, concealment element, telecommunications demarcation box, grounding equipment, power transfer switch, cut-off switch, vertical cable run for the connection of power or other service, or antenna) is cumulatively no more than 28 cubic feet in volume as defined by Utah Code, Chapter 54-21 or as amended.

# Chapter 16

## LOW POWER RADIO SERVICE ANTENNAS

**13-16-1: PURPOSE:**

**13-16-2: ZONING:**

**13-16-3: GENERAL REGULATIONS FOR ALL LOW POWER RADIO SERVICE APPLICATIONS:**

**13-16-4: MONOPOLES:**

**13-16-5: ANTENNA, MONOPOLE COLLOCATIONS:**

**13-16-6: ANTENNA, WALL MOUNTED:**

**13-16-7: ANTENNA, ROOF MOUNTED:**

**13-16-8: ANTENNA, MICRO WIRELESS FACILITY, SMALL WIRELESS FACILITY:**

**13-16-9: STEALTH POLES:**

**13-16-10: ANTENNA, STEALTH:**

**13-16-1: PURPOSE:**

This chapter is to address planning issues resulting from the rapid growth in demand for low power radio services. This chapter distinguishes low power radio from other broadcasting type telecommunication technologies and establishes provisions that deal with issues of demand, visual mitigation, noise, engineering, residential impacts, health, safety and facility siting. This chapter applies to commercial and private low power radio services and facilities, such as cellular or PCS (personal communication system) communication systems. (2001 Code § 89-6-1001; amd. 2009 Code; Ord. 17-17, 3-22-2017)

**13-16-2: ZONING:**

- A. Antenna Types: Low power radio services antennas are characterized by the type of the antenna structure, as specified in the table below. Those antennas identified with a (P) are "permitted" and allowed by right, while those identified with an (AC) are "administrative conditional uses" and may be approved by the zoning administrator. Antennas not specifically listed are prohibited. All antenna types are subject to all other applicable provisions of this title.

Low Power Radio Service Antenna Type	All Zones
Antenna, micro wireless facility and small wireless facility	P <sup>1</sup>
Antenna, monopole collocation	P
Antenna, roof mounted	AC
Antenna, stealth	P
Antenna, wall mounted	AC
Monopole	AC
Stealth pole	AC

<sup>1</sup> Subject to location standards in 13-16-8.

(2001 Code § 89-6-1002; amd. 2009 Code; Ord. 13-17, 4-24-2013; Ord. 17-17, 3-22-2017)

**13-16-3: GENERAL REGULATIONS FOR ALL LOW POWER RADIO SERVICE APPLICATIONS:**

- A. Compliance with Federal Law: In addition to the regulations provided in this chapter, all low power radio services facilities shall comply with all other ordinances of the city and with all applicable regulations of the federal communications commission and the federal aviation administration.
- B. Height Limitation Exceptions: Low power radio services facilities are not subject to the maximum height of the underlying zoning district, but shall comply with all height requirements of this chapter. Wall and/or roof mounted antennas which are permitted or approved under this chapter may be mounted on noncomplying buildings that exceed the maximum height limit of the zoning district in which the buildings are located.
- C. Amateur Radio Antennas: Amateur radio antennas shall be subject to all applicable building codes and requirements of the federal communications commission and the state of Utah code.
- D. Nonmaintained Or Abandoned Facilities; Bonding And Removal: The building official may require a nonmaintained or abandoned low power radio services antenna to be removed from the building or premises when that antenna has not been repaired or put into use by the owner, the person having control, or the person receiving the benefit of the structure within thirty (30) calendar days after notice is given to the owner, the person having control, or the person receiving the benefit of the structure. The building official may require an applicant to provide a cash bond or lien on the property in sufficient amount to guarantee the obligations imposed by this section. Notices required by this section may be given by personal service or by certified mail addressed to the person's last known address.
- E. Lattice Towers and Guywires: The construction of lattice towers and/or the use of guywires is prohibited in all zones. (2001 Code § 89-6-1003; amd. 2009 Code; Ord. 17-17, 3-22-2017)

**13-16-4: MONOPOLES:**

A. Location and Setbacks:

- 1. Residential Use: No monopole and/or equipment compound shall be placed on a parcel that is occupied by a residential use and/or residential structure.
- 2. Nonresidential Zones: The monopole shall not be located within a distance from an existing residential structure or residential zone, whichever is closer, that is less than two (2) times the total height of the monopole, and shall be calculated as follows:
  - a. The total height of the structure (h) multiplied by 2 ( $h \times 2$ ).
- 3. Residential Zones: The monopole shall be located at least three hundred feet (300') from the nearest primary residential structure, as measured in a straight line from the center of the pole to the closest point of the structure.
- 4. Stealth Poles: Stealth poles in all zones shall not be located within a distance from an existing residential structure that is less than one and one-fourth ( $1\frac{1}{4}$ ) the total height of the stealth pole, and shall be calculated as follows:
  - a. The total height of the structure (h) multiplied by 1.25 ( $h \times 1.25$ ).

5. Screening: Monopoles shall be located in a manner that optimizes visual screening from the street. Screening may consist of placing the structure behind buildings, solid masonry walls, mature trees or topography. Monopoles that cannot be screened shall incorporate a stealth design approved by the zoning administrator.

**B. Height and Width:**

1. The height of monopoles, inclusive of the antennas, and stealth poles shall not exceed eighty feet (80').
2. The maximum height of antennas attached to a monopole or stealth pole shall not exceed eight feet (8') high as viewed looking directly at the monopole at the same elevations as the antennas and antenna mounting structure.
3. The maximum total width of an array attached to a new monopole or new stealth pole shall not exceed thirteen feet (13').

**C. General Regulations:**

1. Collocation Potential: A condition of approval may include a requirement that the structure be designed and engineered to reasonably allow collocation by subsequent providers of low power radio communication services, if collocation is feasible and consistent with sound engineering principles. Nothing in this section shall be construed to deny the owner of such a structure from the right to receive reasonable compensation from the subsequent collocating providers for the use of the structure.
2. Accessory Buildings: Accessory buildings to monopoles or stealth poles must comply with the required setback, height and other applicable requirements of the zoning district in which they are located.
3. Fencing: With the exception of stealth poles, monopoles shall be fenced with a six foot (6') chain-link fence. The use of concertina wire may only be permitted within the manufacturing zones.
4. Climbing Pegs: All climbing pegs shall be removed from the lower twenty feet (20') of the monopole.
5. Power Lines: All power lines within the boundaries of the property that lead to the monopole, stealth pole, accessory structure(s) and/or equipment shall be installed underground. (2001 Code § 89-6-1004; amd. Ord. 17-17, 3-22-2017)

**13-16-5: ANTENNA, MONOPOLE COLLOCATIONS:**

- A. The antennas shall not extend more than twenty feet (20') above the original approved height of the tower or ten percent (10%) of the original approved height of the tower, whichever is greater.
- B. Antennas, arrays and/or any other appurtenance shall not protrude from the edge of the tower more than twenty feet (20'), or more than the width of the tower structure at the level of the appurtenance, whichever is greater.
- C. No more than four (4) electrical or equipment cabinets shall be installed in excess of the total

number of cabinets that was originally approved with the monopole. The addition of more than four (4) electrical or equipment cabinets shall constitute a substantial change to the monopole compound and shall be subject to the same zoning requirements for a new monopole, as listed in this chapter.

- D. The collocation shall not involve any expansion of the original lease space and/or fenced equipment compound. Any expansion of the original lease space shall constitute a substantial change to the monopole compound and shall be subject to the same zoning requirements for a new monopole, as listed in this chapter. (2001 Code § 89-6-1005; amd. 2009 Code; Ord. 17-17, 3-22-2017)

**13-16-6: ANTENNA, WALL MOUNTED:**

- A. Protrusion: Wall mounted antennas shall not extend above the wall line of the building or extend more than four feet (4') horizontally from the face of a building.
- B. Architectural Compatibility: Antennas, equipment and the supporting structure shall be painted to match the color of the building or structure or the background against which they are most commonly seen. Antennas and the supporting structures on buildings shall be architecturally compatible with the building.
- C. Whip Antennas: Whip antennas are not allowed on a wall mounted antenna structure.
- D. Application: Antennas mounted directly on existing parapet walls, penthouses or mechanical equipment rooms are considered a wall mounted antenna if no portion of the antenna extends above the roofline of those building structures.
- E. Allowable Area: The total area for all wall mounted antennas and supporting structures combined shall not exceed forty (40) square feet for each exterior wall of the building or a total of one hundred sixty (160) square feet per building. Cellular antennas may occupy a maximum of four (4) walls. The total area is the sum of the area of each individual antenna face and the visible portion of the supporting structure as viewed when looking directly at the face of the building. (2001 Code § 89-6-1006; amd. 2009 Code; Ord. 17-17, 3-22-2017)

**13-16-7: ANTENNA, ROOF MOUNTED:**

**A. Placement and Screening:**

1. Roof mounted antennas shall be allowed only on a flat roof and shall be screened, constructed and painted to match the structure to which the antennas are attached.
2. Roof mounted antennas may be mounted on the top of existing penthouses or mechanical equipment rooms if the antennas and antenna support structures are enclosed or visually screened from view. The screening structures shall not extend more than eight feet (8') above the existing roofline of the penthouse or mechanical equipment room.

**B. Setbacks and Height:**

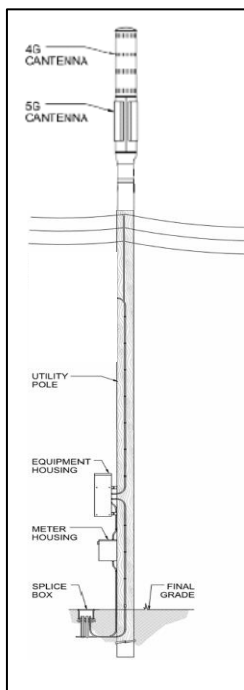
1. Antennas not mounted on a penthouse or mechanical equipment room shall be mounted at least five feet (5') back from the exterior wall of a building.
2. The maximum height of a roof mounted antenna shall not exceed ten feet (10').

3. The maximum height of a roof mounted antenna behind a parapet wall shall not extend more than ten feet (10') above the top of the parapet wall.
4. An antenna shall not extend more than fifteen feet (15') above the roofline of a building.  
(2001 Code § 89-6-1007; amd. 2009 Code; Ord. 17-17, 3-22-2017)

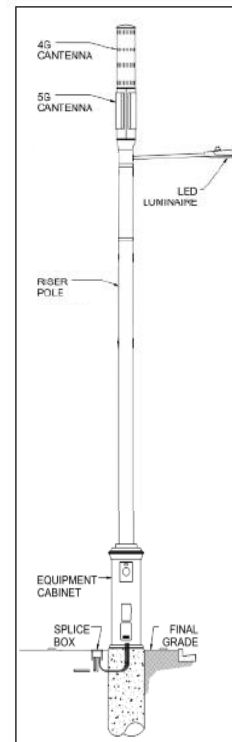
**13-16-8: ANTENNA, MICRO WIRELESS FACILITY, SMALL WIRELESS FACILITY:**

- A. Purpose: This section establishes design guidelines and standards for small and micro wireless telecommunication facilities as defined by Utah Code, Chapter 54-21 (or successor) that are located in the public right-of-way.
- B. Facility Types: The three types of micro and small wireless telecommunication facilities permitted in the public right-of-way include utility pole attachments, streetlight replacement poles, and new freestanding poles as shown in the following examples:

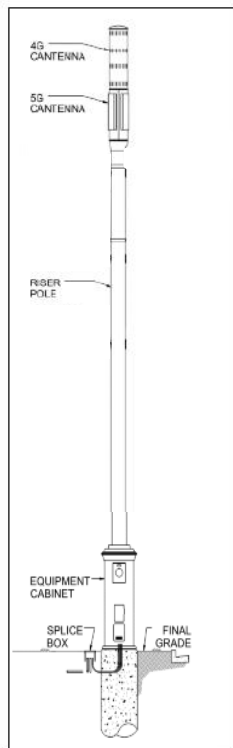
Type 1 - Utility pole attachment



Type 2 - Streetlight replacement pole



### Type 3 - New freestanding pole



C. Standards: All micro and small wireless telecommunication facilities in the public right-of-way shall meet the following standards and requirements:

1. Certifications required:

- a) The applicant shall submit an RF Certification letter demonstrating compliance with all applicable FCC standards.
- b) The applicant shall provide a certification from a licensed Electrical Engineer that the facility meets clearance standards of the latest National Electrical Safety Code.
- c) The applicant shall provide a certification from a licensed Professional Engineer that the facility meets or exceeds all applicable structural standards.

2. General standards and requirements:

a) Application:

1. An application including detailed site and elevation drawings shall be filed for each site as required by the city showing the proposed location of the pole, existing and proposed utilities and structures, easements, and trees.
2. The application shall also include colored renderings (superimposed on online street images is acceptable) demonstrating that the pole design is consistent and compatible with the aesthetics of existing streetlights in the immediate vicinity of the site.

3. Encroachment Permit:

- a) An encroachment permit is required prior to installing any micro or small wireless telecommunication facility in the public right-of-way.

4. Facility Location:

- a) No freestanding pole may be closer than 250 feet away, measured radially, from another micro or small wireless telecommunications facility.



- b) Freestanding installations are not allowed within a right-of-way that is 60 feet wide or less and adjacent to single-family residential lots, other multifamily residences, or undeveloped land that is designated for residential use by zoning or Future Land Use Map.
- c) Unless otherwise allowed by the City in writing, the structure should not be located directly in front of any main building.
- d) If located in a parkstrip, poles should be located in alignment with existing trees, utility poles and streetlights and should be located equal distance between trees (minimum of 10 feet from any tree on public or private property to avoid disturbing the root zone).
- e) The structure may not be located in front of any driveways, entrances, or walkways or impede or create any site obstruction for vehicular or pedestrian traffic.
- f) Facilities shall be located outside of any clear vision triangle at intersections or driveways.
- g) Facilities shall not be located within 100 feet of a fire station driveway or other emergency service facility.
- h) Antennas and equipment attached to any existing utility pole shall maintain all safety clearance requirements.
- i) The antenna enclosure shall not exceed 6 cubic feet.

## 5. Facility Design

### a) General Standards

- 1. Pole height shall not exceed 50 feet. Pole height shall be measured from the top of the foundation to the top of the antenna (antenna enclosure).
- 2. Unless otherwise allowed by the City, All powerlines, wires and cables leading to the facility shall be undergrounded.
- 3. Should the City of West Jordan determine that powerlines must be relocated or undergrounded, all carrier equipment shall be removed and relocated at no cost to the City.
- 4. Equipment cabinet and pole shall meet all City engineering and Uniform Building Code standards.
- 5. All hardware attachments and anchor bolts shall be hidden to the maximum extent possible.
- 6. City reserves the right to attach any sign (such as a no parking sign) on a freestanding installation within the right-of-way.
- 7. A tapered transition shall be installed between the pole and any equipment cabinet and/or antenna shroud.
- 8. Cooling fan(s) shall not emit noise greater than 30dBa at one meter (3.28 feet).
- 9. An antenna of a small wireless facility may not extend more than 10 feet above the top of a utility pole existing on or before September 1, 2018.

### b) New or replacement poles

- 1. New or replacement facilities shall match the look of existing adjacent streetlights and utility poles as closely as possible.
- 2. The pole, antenna shroud and equipment cabinet shall be painted black or match existing streetlight aesthetics as determined by the city. Paint shall be powder coated over zinc paint.
- 3. All electrical equipment and antennas on new or replacement poles shall be integrated into the pole design and located inside the pole or hidden behind an exterior shroud. Separate ground mounted enclosures including backup power enclosures are not allowed.
- 4. The electrical equipment shroud shall be round, installed at the base of the pole and not exceed 60 inches high x 20 inches wide.

5. The antenna shroud shall have a maximum 18-inch outer diameter and shall not exceed 6 cubic feet in volume. The maximum height shall be 10 feet.
6. The pole shall be scaled to 0.5 to 0.75 times the diameter of the equipment cabinet with 10 inches minimum outer diameter. The equipment cabinet shall transition to the pole such that no flat, horizontal surface larger than 1.5 inches exists between the equipment cabinet and upper pole.

c) Facilities on existing poles.

1. All antennas and associated electrical equipment attached to existing poles shall maintain a minimum vertical clearance of 15 feet between the bottom edge of the antenna and the final grade around the utility pole.

**13-16-9: STEALTH POLES:**

- A. Stealth Application: Antennas, support structures and associated equipment shall resemble natural or manmade objects that are in harmony with and blend in with the surrounding natural and architectural environment.
- B. Monopole Standards: The stealth pole shall comply with all standards for a monopole as stipulated in this chapter.
- C. Disguising Features: Subsidiary features that are integral to the disguise of the antenna may extend beyond the maximum width requirements of the antenna or monopole. In no instance shall any feature extend into or above a public right of way nor encroach on a required setback.
- D. Equipment: All equipment servicing the stealth tower including, but not limited to, generators, cabinets, meters, HVAC systems, and batteries, shall be stored within an approved fully enclosed accessory building. (2001 Code § 89-6-1009; amd. Ord. 17-17, 3-22-2017)

**13-16-10: ANTENNA, STEALTH:**

- A. Screening: The antenna, mounting structure and associated equipment shall be completely screened from all sides by existing walls or structures.
- B. Power Lines: Any new utilities leading to the structure shall be installed underground. (2001 Code § 89-6-1010; amd. Ord. 17-17, 3-22-2017)

## STRIKE AND BOLD DRAFT

### 13-2-3: DEFINITIONS:

~~ANTENNA, MICROCELL: A wireless telecommunications or low power radio antenna or similar equipment that typically serves a limited local radius and may be attached to an existing utility pole located within the public right of way. Typical applications include, but are not limited to, antennas mounted on overhead power poles, utility substations, and light poles. Any pole or structure that is owned or managed by the city of West Jordan or any other public entity is excluded from this definition.~~

ANTENNA, MICRO WIRELESS FACILITY means a type of small wireless facility that, not including any antenna, is no larger in dimension than 24 inches in length, 15 inches in width, and 12 inches in height, on which any exterior antenna is no longer than 11 inches and that only provides Wi-Fi service that is integrated into a new freestanding pole or mounted on overhead power poles or light poles in the public right of way as defined by Utah Code, Chapter 54-21 or as amended.

ANTENNA, SMALL WIRELESS FACILITY means a type of wireless facility that is integrated into a new freestanding pole or mounted on overhead power poles or light poles in the public right of way on which each wireless provider's antenna can fit within an enclosure of no more than six cubic feet in volume and associated electrical equipment (except the electric meter, concealment element, telecommunications demarcation box, grounding equipment, power transfer switch, cut-off switch, vertical cable run for the connection of power or other service, or antenna) is cumulatively no more than 28 cubic feet in volume as defined by Utah Code, Chapter 54-21 or as amended.

## Chapter 16 LOW POWER RADIO SERVICE ANTENNAS

### 13-16-1: PURPOSE:

### 13-16-2: ZONING:

### 13-16-3: GENERAL REGULATIONS FOR ALL LOW POWER RADIO SERVICE APPLICATIONS:

### 13-16-4: MONOPOLES:

### 13-16-5: ANTENNA, MONOPOLE COLLOCATIONS:

### 13-16-6: ANTENNA, WALL MOUNTED:

### 13-16-7: ANTENNA, ROOF MOUNTED:

### 13-16-8: ~~ANTENNA, MICROCELL:~~ MICRO WIRELESS FACILITY, SMALL WIRELESS FACILITY:

### 13-16-9: STEALTH POLES:

### 13-16-10: ANTENNA, STEALTH:

### 13-16-1: PURPOSE:

This chapter is to address planning issues resulting from the rapid growth in demand for low power radio services. This chapter distinguishes low power radio from other broadcasting type telecommunication technologies and establishes provisions that deal with issues of demand, visual mitigation, noise, engineering, residential impacts, health, safety and facility siting. This chapter applies to commercial and private low power radio services and facilities, such as cellular or PCS (personal communication system) communication systems. (2001 Code § 89-6-1001; amd. 2009 Code; Ord. 17-17, 3-22-2017)

**13-16-2: ZONING:**

- B. Antenna Types: Low power radio services antennas are characterized by the type of the antenna structure, as specified in the table below. Those antennas identified with a (P) are "permitted" and allowed by right, while those identified with an (AC) are "administrative conditional uses" and may be approved by the zoning administrator. Antennas not specifically listed are prohibited. All antenna types are subject to all other applicable provisions of this title.

Low Power Radio Service Antenna Type	All Zones
Antenna, <del>microcell</del> <u>micro wireless facility and small wireless facility</u>	P <sup>1</sup>
Antenna, monopole collocation	P
Antenna, roof mounted	AC
Antenna, stealth	P
Antenna, wall mounted	AC
Monopole	AC
Stealth pole	AC

<sup>1</sup> Subject to location standards in 13-16-8.

(2001 Code § 89-6-1002; amd. 2009 Code; Ord. 13-17, 4-24-2013; Ord. 17-17, 3-22-2017)

**13-16-3: GENERAL REGULATIONS FOR ALL LOW POWER RADIO SERVICE APPLICATIONS:**

- A. Compliance with Federal Law: In addition to the regulations provided in this chapter, all low power radio services facilities shall comply with all other ordinances of the city and with all applicable regulations of the federal communications commission and the federal aviation administration.
- B. Height Limitation Exceptions: Low power radio services facilities are not subject to the maximum height of the underlying zoning district, but shall comply with all height requirements of this chapter. Wall and/or roof mounted antennas which are permitted or approved under this chapter may be mounted on noncomplying buildings that exceed the maximum height limit of the zoning district in which the buildings are located.
- C. Amateur Radio Antennas: Amateur radio antennas shall be subject to all applicable building codes and requirements of the federal communications commission and the state of Utah code.
- D. Nonmaintained Or Abandoned Facilities; Bonding And Removal: The building official may require a nonmaintained or abandoned low power radio services antenna to be removed from the building or premises when that antenna has not been repaired or put into use by the owner, the person having control, or the person receiving the benefit of the structure within thirty (30) calendar days after notice is given to the owner, the person having control, or the person receiving the benefit of the structure. The building official may require an applicant to provide a cash bond or lien on the property in sufficient amount to guarantee the obligations imposed by this section. Notices required by this section may be given by personal service or by certified mail addressed to the person's last known address.

E. Lattice Towers and Guywires: The construction of lattice towers and/or the use of guywires is prohibited in all zones. (2001 Code § 89-6-1003; amd. 2009 Code; Ord. 17-17, 3-22-2017)

#### **13-16-4: MONOPOLES:**

##### **A. Location and Setbacks:**

1. Residential Use: No monopole and/or equipment compound shall be placed on a parcel that is occupied by a residential use and/or residential structure.
2. Nonresidential Zones: The monopole shall not be located within a distance from an existing residential structure or residential zone, whichever is closer, that is less than two (2) times the total height of the monopole, and shall be calculated as follows:
  - a. The total height of the structure (h) multiplied by 2 ( $h \times 2$ ).
3. Residential Zones: The monopole shall be located at least three hundred feet (300') from the nearest primary residential structure, as measured in a straight line from the center of the pole to the closest point of the structure.
4. Stealth Poles: Stealth poles in all zones shall not be located within a distance from an existing residential structure that is less than one and one-fourth ( $1\frac{1}{4}$ ) the total height of the stealth pole, and shall be calculated as follows:
  - a. The total height of the structure (h) multiplied by 1.25 ( $h \times 1.25$ ).
5. Screening: Monopoles shall be located in a manner that optimizes visual screening from the street. Screening may consist of placing the structure behind buildings, solid masonry walls, mature trees or topography. Monopoles that cannot be screened shall incorporate a stealth design approved by the zoning administrator.

##### **B. Height and Width:**

1. The height of monopoles, inclusive of the antennas, and stealth poles shall not exceed eighty feet (80').
2. The maximum height of antennas attached to a monopole or stealth pole shall not exceed eight feet (8') high as viewed looking directly at the monopole at the same elevations as the antennas and antenna mounting structure.
3. The maximum total width of an array attached to a new monopole or new stealth pole shall not exceed thirteen feet (13').

##### **C. General Regulations:**

1. Collocation Potential: A condition of approval may include a requirement that the structure be designed and engineered to reasonably allow collocation by subsequent providers of low power radio communication services, if collocation is feasible and consistent with sound engineering principles. Nothing in this section shall be construed to deny the owner of such a structure from the right to receive reasonable compensation from the subsequent collocating providers for the use of the structure.

2. Accessory Buildings: Accessory buildings to monopoles or stealth poles must comply with the required setback, height and other applicable requirements of the zoning district in which they are located.
3. Fencing: With the exception of stealth poles, monopoles shall be fenced with a six foot (6') chain-link fence. The use of concertina wire may only be permitted within the manufacturing zones.
4. Climbing Pegs: All climbing pegs shall be removed from the lower twenty feet (20') of the monopole.
5. Power Lines: All power lines within the boundaries of the property that lead to the monopole, stealth pole, accessory structure(s) and/or equipment shall be installed underground. (2001 Code § 89-6-1004; amd. Ord. 17-17, 3-22-2017)

**13-16-5: ANTENNA, MONOPOLE COLLOCATIONS:**

- A. The antennas shall not extend more than twenty feet (20') above the original approved height of the tower or ten percent (10%) of the original approved height of the tower, whichever is greater.
- B. Antennas, arrays and/or any other appurtenance shall not protrude from the edge of the tower more than twenty feet (20'), or more than the width of the tower structure at the level of the appurtenance, whichever is greater.
- C. No more than four (4) electrical or equipment cabinets shall be installed in excess of the total number of cabinets that was originally approved with the monopole. The addition of more than four (4) electrical or equipment cabinets shall constitute a substantial change to the monopole compound and shall be subject to the same zoning requirements for a new monopole, as listed in this chapter.
- D. The collocation shall not involve any expansion of the original lease space and/or fenced equipment compound. Any expansion of the original lease space shall constitute a substantial change to the monopole compound and shall be subject to the same zoning requirements for a new monopole, as listed in this chapter. (2001 Code § 89-6-1005; amd. 2009 Code; Ord. 17-17, 3-22-2017)

**13-16-6: ANTENNA, WALL MOUNTED:**

- A. Protrusion: Wall mounted antennas shall not extend above the wall line of the building or extend more than four feet (4') horizontally from the face of a building.
- B. Architectural Compatibility: Antennas, equipment and the supporting structure shall be painted to match the color of the building or structure or the background against which they are most commonly seen. Antennas and the supporting structures on buildings shall be architecturally compatible with the building.
- C. Whip Antennas: Whip antennas are not allowed on a wall mounted antenna structure.
- D. Application: Antennas mounted directly on existing parapet walls, penthouses or mechanical equipment rooms are considered a wall mounted antenna if no portion of the antenna extends above the roofline of those building structures.

E. Allowable Area: The total area for all wall mounted antennas and supporting structures combined shall not exceed forty (40) square feet for each exterior wall of the building or a total of one hundred sixty (160) square feet per building. Cellular antennas may occupy a maximum of four (4) walls. The total area is the sum of the area of each individual antenna face and the visible portion of the supporting structure as viewed when looking directly at the face of the building. (2001 Code § 89-6-1006; amd. 2009 Code; Ord. 17-17, 3-22-2017)

**13-16-7: ANTENNA, ROOF MOUNTED:**

A. Placement and Screening:

1. Roof mounted antennas shall be allowed only on a flat roof and shall be screened, constructed and painted to match the structure to which the antennas are attached.
2. Roof mounted antennas may be mounted on the top of existing penthouses or mechanical equipment rooms if the antennas and antenna support structures are enclosed or visually screened from view. The screening structures shall not extend more than eight feet (8') above the existing roofline of the penthouse or mechanical equipment room.

B. Setbacks and Height:

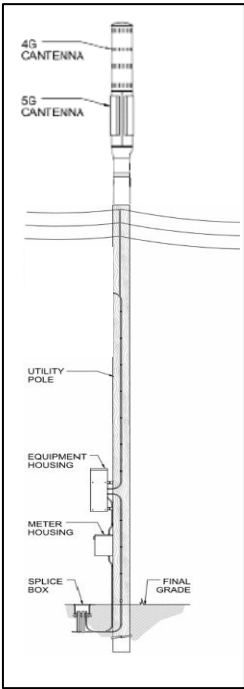
1. Antennas not mounted on a penthouse or mechanical equipment room shall be mounted at least five feet (5') back from the exterior wall of a building.
2. The maximum height of a roof mounted antenna shall not exceed ten feet (10').
3. The maximum height of a roof mounted antenna behind a parapet wall shall not extend more than ten feet (10') above the top of the parapet wall.
4. An antenna shall not extend more than fifteen feet (15') above the roofline of a building. (2001 Code § 89-6-1007; amd. 2009 Code; Ord. 17-17, 3-22-2017)

**13-16-8: ANTENNA, ~~MICROCELL~~ MICRO WIRELESS FACILITY, SMALL WIRELESS FACILITY:**

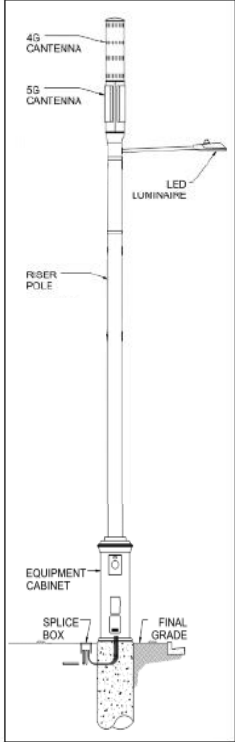
A. Purpose: This section establishes design guidelines and standards for small and micro wireless telecommunication facilities as defined by Utah Code, Chapter 54-21 (or successor) that are located in the public right-of-way.

B. Facility Types: The three types of micro and small wireless telecommunication facilities permitted in the public right-of-way include utility pole attachments, streetlight replacement poles, and new freestanding poles as shown in the following examples:

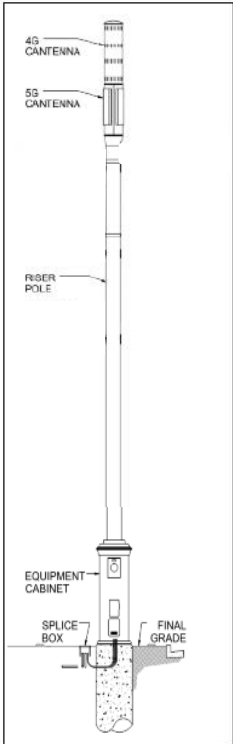
Type 1 - Utility pole attachment



Type 2 - Streetlight replacement pole



Type 3 - New freestanding pole





C. Standards: All micro and small wireless telecommunication facilities in the public right-of-way shall meet the following standards and requirements:

1. Certifications required:

- d) The applicant shall submit an RF Certification letter demonstrating compliance with all applicable FCC standards.
- e) The applicant shall provide a certification from a licensed Electrical Engineer that the facility meets clearance standards of the latest National Electrical Safety Code.
- f) The applicant shall provide a certification from a licensed Professional Engineer that the facility meets or exceeds all applicable structural standards.

2. General standards and requirements:

b) Application:

- 3. An application including detailed site and elevation drawings shall be filed for each site as required by the city showing the proposed location of the pole, existing and proposed utilities and structures, easements, and trees.
- 4. The application shall also include colored renderings (superimposed on online street images is acceptable) demonstrating that the pole design is consistent and compatible with the aesthetics of existing streetlights in the immediate vicinity of the site.

3. Encroachment Permit:

- b) An encroachment permit is required prior to installing any micro or small wireless telecommunication facility in the public right-of-way.

4. Facility Location:

- f) No freestanding pole may be closer than 250 feet away, measured radially, from another micro or small wireless telecommunications facility.
- g) Freestanding installations are not allowed within a right-of-way that is 60 feet wide or less and adjacent to single-family residential lots, other multifamily residences, or undeveloped land that is designated for residential use by zoning or Future Land Use Map.
- h) Unless otherwise allowed by the City in writing, the structure should not be located directly in front of any main building.
- i) If located in a parkstrip, poles should be located in alignment with existing trees, utility poles and streetlights and should be located equal distance between trees (minimum of 10 feet from any tree on public or private property to avoid disturbing the root zone).
- j) The structure may not be located in front of any driveways, entrances, or walkways or impede or create any site obstruction for vehicular or pedestrian traffic.
- j) Facilities shall be located outside of any clear vision triangle at intersections or driveways.
- k) Facilities shall not be located within 100 feet of a fire station driveway or other emergency service facility.
- l) Antennas and equipment attached to any existing utility pole shall maintain all safety clearance requirements.
- m) The antenna enclosure shall not exceed 6 cubic feet.

5. Facility Design

a) General Standards

- 10. Pole height shall not exceed 50 feet. Pole height shall be measured from the top of the foundation to the top of the antenna (antenna enclosure).
- 11. Unless otherwise allowed by the City, All powerlines, wires and cables leading to the facility shall be undergrounded.

12. Should the City of West Jordan determine that powerlines must be relocated or undergrounded, all carrier equipment shall be removed and relocated at no cost to the City.
13. Equipment cabinet and pole shall meet all City engineering and Uniform Building Code standards.
14. All hardware attachments and anchor bolts shall be hidden to the maximum extent possible.
15. City reserves the right to attach any sign (such as a no parking sign) on a freestanding installation within the right-of-way.
16. A tapered transition shall be installed between the pole and any equipment cabinet and/or antenna shroud.
17. Cooling fan(s) shall not emit noise greater than 30dBa at one meter (3.28 feet).
18. An antenna of a small wireless facility may not extend more than 10 feet above the top of a utility pole existing on or before September 1, 2018.

b) New or replacement poles

4. New or replacement facilities shall match the look of existing adjacent streetlights and utility poles as closely as possible.
5. The pole, antenna shroud and equipment cabinet shall be painted black or match existing streetlight aesthetics as determined by the city. Paint shall be powder coated over zinc paint.
6. All electrical equipment and antennas on new or replacement poles shall be integrated into the pole design and located inside the pole or hidden behind an exterior shroud. Separate ground mounted enclosures including backup power enclosures are not allowed.
5. The electrical equipment shroud shall be round, installed at the base of the pole and not exceed 60 inches high x 20 inches wide.
6. The antenna shroud shall have a maximum 18-inch outer diameter and shall not exceed 6 cubic feet in volume. The maximum height shall be 10 feet.
7. The pole shall be scaled to 0.5 to 0.75 times the diameter of the equipment cabinet with 10 inches minimum outer diameter. The equipment cabinet shall transition to the pole such that no flat, horizontal surface larger than 1.5 inches exists between the equipment cabinet and upper pole.

c) Facilities on existing poles.

2. All antennas and associated electrical equipment attached to existing poles shall maintain a minimum vertical clearance of 15 feet between the bottom edge of the antenna and the final grade around the utility pole.

A. Prohibited Applications:

1. Public Property: The attachment of any antenna to a utility pole, traffic signal structure, streetlight or any other structure owned or managed by the city of West Jordan or any other public entity is prohibited.
2. New Poles in The Public Right of Way: No new pole or support structure shall be installed within a public right of way with the sole purpose of installing antennas. Replacement of an existing pole may be allowed upon authorization from the city engineer and the owner of the pole.

B. Height: Antennas shall not extend above the top of the pole upon which they are located more than ten feet (10') or ten percent (10%) of the total height of the pole, whichever is greater.

~~C. Width: Antennas shall be centered on the top of the pole or be flush mounted to the pole, unless prevented from doing so by a physical hardship that is not self-imposed as determined by the zoning administrator. In no case shall any antenna protrude more than six feet (6') from the pole to which it is attached.~~

~~D. Color: The antenna, mounts, cables and all associated equipment shall be painted to match the color of the pole upon which they are placed.~~

~~E. Clearance: All antennas shall maintain a minimum vertical clearance of fifteen feet (15') between the bottom edge of the antenna and the final grade around the utility pole. Exceptions to the vertical clearance requirement may be made for antennas that are mounted flush to the pole.~~

~~F. Electrical Boxes, Generators, Wiring and Other Equipment: All equipment, including electrical boxes, generators, cabinets and/or wiring, that is connected to the antennas shall adhere to the following standards:~~

~~1. Placement in The Right of Way or Front/Corner Side Yard: Any ground mounted equipment placed in the public right of way or in a required front or corner side yard shall either be attached directly to the utility pole or installed underground.~~

~~a. Pole Mounted Equipment: Equipment such as cabinets, meters, switches, battery backups, and cable boxes, that are attached directly to the pole shall adhere to the following standards:~~

~~(1) Equipment shall be no wider than two (2) times the width of the pole to which it is attached.~~

~~(2) Equipment shall be centered horizontally on the pole.~~

~~(3) No more than five (5) equipment cabinets, meters, switches, etc., shall be mounted on a single utility pole.~~

~~(4) Equipment shall be stacked vertically, one above the other, and shall be at least ten feet (10') above the ground. The power meter and network interface box may be installed below the ten foot (10') level.~~

~~b. Underground Equipment: Permission from the property owner shall be obtained prior to the installation of any equipment underground.~~

~~2. Flush Mount/Underground Wiring: All electrical and utility wiring shall be flush mounted and securely affixed to the utility structure. Electrical and utility wiring between the utility pole and any electrical boxes or generators shall be installed underground.~~

~~G. Permission and Agreements: All microcell antennas shall obtain written permission from the owner prior to installation and shall adhere to the following standards:~~

~~1. Owner Permission: The application shall include a signed letter or written authorization from Rocky Mountain Power or its successor, or the authorized agent of the owner of the utility pole to which the antenna(s) will be attached.~~

~~H. Maintenance: The service provider or designee listed in the public agreement shall be solely responsible for maintaining all of their respective utility pole antennas, wiring and equipment in a clean and safe condition. The service provider or designee listed in the public agreement shall~~

~~repair any damage to antennas, wiring or equipment within seventy-two (72) hours after discovering or being notified of such damage. (2001 Code § 89-6-1008; amd. 2009 Code; Ord. 17-17, 3-22-2017)~~

**13-16-9: STEALTH POLES:**

- A. Stealth Application: Antennas, support structures and associated equipment shall resemble natural or manmade objects that are in harmony with and blend in with the surrounding natural and architectural environment.
- B. Monopole Standards: The stealth pole shall comply with all standards for a monopole as stipulated in this chapter.
- C. Disguising Features: Subsidiary features that are integral to the disguise of the antenna may extend beyond the maximum width requirements of the antenna or monopole. In no instance shall any feature extend into or above a public right of way nor encroach on a required setback.
- D. Equipment: All equipment servicing the stealth tower including, but not limited to, generators, cabinets, meters, HVAC systems, and batteries, shall be stored within an approved fully enclosed accessory building. (2001 Code § 89-6-1009; amd. Ord. 17-17, 3-22-2017)

**13-16-10: ANTENNA, STEALTH:**

- A. Screening: The antenna, mounting structure and associated equipment shall be completely screened from all sides by existing walls or structures.
- B. Power Lines: Any new utilities leading to the structure shall be installed underground. (2001 Code § 89-6-1010; amd. Ord. 17-17, 3-22-2017)

**Exhibit B**

**Planning Commission Meeting Minutes DRAFT**

**MINUTES OF THE REGULAR MEETING (ELECTRONIC) OF THE WEST JORDAN  
PLANNING AND ZONING COMMISSION HELD REMOTELY ON JUNE 16, 2020**

**PRESENT:** Matt Quinney, Jay Thomas, Trish Hatch, Corbin England, and Ammon Allen.  
Kent Shelton was absent.

**STAFF:** Larry Gardner, Mark Forsythe, Scott Langford, Julie Davis, David Cottle, Lisa  
Elgin, Ray McCandless, Duncan Murray, Paul Brockbank

**OTHERS:** Kory Coleman, Mayor Burton, Paul Topham, Harrison Cleeland, unidentified  
caller

The regular meeting was called to order at 6:00 p.m.

**1. Approve Minutes from June 2, 2020**

**MOTION:** Trish Hatch moved to approve the minutes from June 2, 2020. The motion  
was seconded by Jay Thomas and passed 5-0 in favor. Kent Shelton was  
absent.

\*\*\*\*\*

**Text Amendment – Continued from 5-19-20; Amend the 2009 City Code Title 13 to include “Micro**

**Wireless Facility and Small Wireless Facility” in Chapter 16, Low Power Radio Service Antennas;**

**City-wide applicability; City of West Jordan (applicant) [#21088] – Business Item**

Ray McCandless gave an update on the proposed text. Three pole types are now listed instead of four. New poles, existing utility poles, and streetlights (existing or replacement). The maximum height is 50 feet for a new pole, maximum antenna size is 6 cubic feet, and electrical equipment is 20” wide x 60” high. There is a maximum extension of 10 feet on top of a pole. He highlighted the changes that were made from the June 2<sup>nd</sup> version, which took into consideration comments from the carriers and the commission. Staff will review each location to minimize impacts to adjoining uses as part of the application. The carriers were concerned that there may be cases where lines from existing poles would have to be undergrounded. Staff can look at those situations individually, but in general all lines should be undergrounded. The equipment shroud

for new or replacement poles has been increased to 60 inches high and 20 inches wide as recommended by the carriers so that the equipment can fit. The antenna shroud was changed to an 18-inch outer diameter and no more than 6 cubic feet in volume with a maximum height of 10 feet. Clarification was given regarding the transition between the equipment cabinet and the pole.

Ammon Allen asked if there is a direct process for approval in writing and/or from a certain individual already in the code so that “requires city approval” is clearly explained.

Ray McCandless said these applications are in the public way, so it isn’t just one person or department giving approval. When the application is submitted, there will be a meeting with representatives from all of the different groups to make sure the request complies in all areas.

Duncan Murray said Title 8 deals more with the process and calls out specific responsibilities given to the zoning administrator and other city officials. The portion of the code being reviewed tonight is more specific to what the pole looks like, etc.

Ammon Allen asked about the RF Certification letter that doesn’t indicate that it has to come from a certified individual.

Ray McCandless said that if there is a certification required then that will be inserted.

Ammon Allen pointed out that the state code allows no more than 28 cubic feet for all materials. Figuring the maximum sizes in this code it will easily fit within that 28 cubic foot limit. He asked if there is any other equipment that uses the rest of the 28. He just wanted to be sure that the carriers agreed with our code maximum of 17 cubic feet. He liked the approach taken in this ordinance.

Ray McCandless said there generally is not any other equipment, unless there is a power meter. The carriers didn’t think there was anything larger that was needed.

Corbin England liked the revised, more polished code.

**MOTION: Corbin England moved to forward a positive recommendation to the City Council to Amend the 2009 City Code Title 13 to include “Micro Wireless Facility and Small Wireless Facility” in Chapter 16, Low Power Radio Service Antennas; City-wide applicability; City of West Jordan (applicant). The motion was seconded by Ammon Allen and passed 5-0 in favor. Kent Shelton was absent.**












# Item 6b - Micro and Small Wireless Facilities

Final Audit Report

2020-07-02

Created:	2020-06-30
By:	Cindy Quick (Cindy.quick@westjordan.utah.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAsCkyfgHoHalQF6r7zdvUwO_Ywr7KvY08

## "Item 6b - Micro and Small Wireless Facilities" History

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-  Document emailed to Ray McCandless (ray.mccandless@westjordan.utah.gov) for signature  
2020-06-30 - 9:04:04 PM GMT
-  Email viewed by Ray McCandless (ray.mccandless@westjordan.utah.gov)  
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-  Document emailed to larry.gardner@westjordan.utah.gov for signature  
2020-07-01 - 9:26:49 PM GMT
-  Cindy Quick (Cindy.quick@westjordan.utah.gov) replaced signer larry.gardner@westjordan.utah.gov with Scott Langford (scott.langford@westjordan.utah.gov)  
2020-07-01 - 9:58:13 PM GMT- IP address: 207.225.200.66
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2020-07-02 - 4:58:19 AM GMT



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