

Meeting Date
August 19, 2014



AGENDA	
Section	Unfinished Business
Item No.	IV. A.

AGENDA REPORT
BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS

SUBJECT:	LEGISLATIVE INTENT AND PERMISSION TO ADVERTISE RE: ORDINANCE MODIFYING SECTION 62-1953 TOWERS & ANTENNAS; A NEW ORDINANCE REGULATING COMMUNICATION FACILITIES AND ENACTING A WIRELESS TELECOMMUNICATIONS MASTER PLAN; AND BOARD APPROVAL FOR ADMINISTRATIVE REZONING PROCESS TO IMPLEMENT AN OVERLAY APPROVAL FOR POTENTIAL TOWER SITES ON COUNTY OWNED PROPERTIES						
DEPT/OFFICE:	PLANNING & DEVELOPMENT DEPARTMENT AND EMERGENCY MANAGEMENT OFFICE						
Requested Action:							
<p>It is requested that the Board of County Commissioners grant legislative intent and permission to advertise an ordinance accomplishing the following:</p> <ul style="list-style-type: none"> Amends Chapter 62, Article VI, replacing the conditional use "Towers and Antennas" with "Wireless Telecommunication Facilities and Broadcast Towers"; Amends Section 62-1953 "Towers and Antennas;" Deletes Section 62-2124 "Television Dish Receivers and Antennas;" Creates a new division of code in Chapter 62, Article VI, Titled "Division 7 - Communication Facilities" <p>The Board is also requested to authorize use of the Administrative Rezoning process to approve an overlay of potential tower sites on County owned properties.</p>							
Summary Explanation & Background:							
<p>On November 13, 2012, the Board of County Commissioners directed staff to undertake an RFP to engage the services of a consultant to develop a Tower Master Plan for the County. The contract was awarded to CityScape Consultants, Inc. The Consultant has authored the attached Master Plan. An overview of the proposed Master Plan will be presented by the Consultant at the Board meeting.</p> <p>Staff requests that the Board grant legislative intent and permission to advertise modifications to the Zoning Regulations to implement the Master Plan and update regulations that currently govern towers and antennas through the Conditional Use Permit process. Staff also seeks Board authorization to use the Administrative Rezoning process to approve an overlay of potential tower sites on County owned properties, based upon the inventory developed by the Consultant.</p> <p>On an upcoming Board agenda, staff intends to request approval to issue an RFP to seek firms to construct and manage towers placed on county owned sites identified in the Master Plan.</p> <p>Fiscal Impact: FY 14-15: Advertisement costs estimated at \$5,000.00. Fiscal impact: There will be no impact to the General Fund.</p>							
Clerk to the Board Instruction:							
Exhibits Attached: Wireless Telecommunications Master Plan, Draft Wireless Telecommunication Ordinance							
Contract /Agreement (If attached): Reviewed by County Attorney							
<table border="0"> <tr> <td>Yes</td> <td><input type="checkbox"/></td> <td>No</td> <td><input type="checkbox"/></td> <td>PR</td> <td><input type="checkbox"/></td> </tr> </table>		Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	PR	<input type="checkbox"/>
Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	PR	<input type="checkbox"/>		
County Manager Stockton Whitten	<table border="0"> <tr> <td>Assistant County Manager Mel Scott, AICP</td> <td> Department Director / Extension Robin M. Sobrino, AICP, Director, Planning and Development Dept. Ext. 5-2069 <i>Robin M Sobrino</i> Kimberly Prosser, Director Emergency Management Office Phone 321.637.6670 <i>Kimberly Prosser</i> </td> </tr> </table>	Assistant County Manager Mel Scott, AICP	Department Director / Extension Robin M. Sobrino, AICP, Director, Planning and Development Dept. Ext. 5-2069 <i>Robin M Sobrino</i> Kimberly Prosser, Director Emergency Management Office Phone 321.637.6670 <i>Kimberly Prosser</i>				
Assistant County Manager Mel Scott, AICP	Department Director / Extension Robin M. Sobrino, AICP, Director, Planning and Development Dept. Ext. 5-2069 <i>Robin M Sobrino</i> Kimberly Prosser, Director Emergency Management Office Phone 321.637.6670 <i>Kimberly Prosser</i>						



Tammy Etheridge, Clerk to the Board, 400 South Street • P.O. Box 999, Titusville, Florida 32781-0999

Telephone: (321) 637-2001
Fax: (321) 264-6972

August 20, 2014

MEMORANDUM

TO: Robin Sobrino, Planning and Development Director

RE: Item IV.A., Legislative Intent and Permission to Advertise an Ordinance Modifying Section 62-1953 Towers and Antennas; A New Ordinance Regulating Communication Facilities and Enacting a Wireless Telecommunications Master Plan; and Board Approval for Administrative Rezoning Process to Implement an Overlay Approval for Potential Tower Sites on County Owned Properties

The Board of County Commissioners, in regular session on August 19, 2014, granted legislative intent and permission to advertise an ordinance amending Chapter 62, Article VI, replacing the conditional use 'Towers and Antennas' with 'Wireless Telecommunication Facilities and Broadcast Towers'; amending Section 62-1953 'Towers and Antennas'; deleting Section 62-2124 'Television Dish Receivers and Antennas'; creating a new division of Code in Chapter 62, Article VI, Titled 'Division 7 – Communication Facilities'; authorized the use of Administrative Rezoning process to approve an overlay of potential tower site on County owned properties; directed staff to identify five sites that could have cell towers placed on them as soon as possible; and directed staff to identify the funding mechanism of how to afford to build the towers.

Your continued cooperation is greatly appreciated.

Sincerely yours,

BOARD OF COUNTY COMMISSIONERS
SCOTT ELLIS, CLERK

Tammy Etheridge, Deputy Clerk

/ds

cc: Assistant County Manager Scott
County Manager
Emergency Management Director
Finance
Budget

AN ORDINANCE AMENDING CHAPTER 62, "LAND DEVELOPMENT REGULATIONS", CODE OF ORDINANCES OF BREVARD COUNTY, FLORIDA; AMENDING ARTICLE VI, ZONING REGULATIONS; SPECIFICALLY AMENDING SUBSECTION (3) OF THE FOLLOWING SECTIONS: 62-1331 GENERAL USE, GU; SEC. 62-1332 PRODUCTIVE AGRICULTURAL, PA; SEC. 62-1406 RECREATIONAL VEHICLE PARK, RVP; SEC. 62-1481 RESTRICTED NEIGHBORHOOD RETAIL COMMERCIAL, BU-1-A; SEC. 62-1482 GENERAL RETAIL COMMERCIAL, BU-1; SEC. 62-1483 RETAIL, WAREHOUSING AND WHOLESALE COMMERCIAL, BU-2; SEC. 62-1511 GENERAL TOURIST COMMERCIAL, TU-1; SEC. 62-1512 TRANSIENT TOURIST COMMERCIAL, TU-2; SEC. 62-1541 PLANNED BUSINESS PARK, PBP; SEC. 62-1542 PLANNED INDUSTRIAL PARK, PIP; SEC. 62-1543 LIGHT INDUSTRIAL, IU; SEC. 62-1544 HEAVY INDUSTRIAL, IU-1; AND SUBSECTION (1)(B)(4) OF SECTION 62-1574 FARMTON MIXED USE ZONING OVERLAY DISTRICT, FARM-1 TO REPLACE THE PHRASE "TOWERS AND ANTENNAS" WITH "WIRELESS COMMUNICATION FACILITIES AND BROADCAST TOWERS"; SPECIFICALLY AMENDING SUBSECTION (3) OF SECTIONS: 62-1334.5 AGRICULTURAL RURAL RESIDENTIAL, ARR; 62-1335 RURAL ESTATE USE, REU; 62-1343 SINGLE-FAMILY ATTACHED RESIDENTIAL, RA-2-4, RA-2-6, RA-2-8 AND RA-2-10; 62-1344 RESIDENTIAL-PROFESSIONAL, RP; 62-1371 LOW-DENSITY MULTIPLE-FAMILY RESIDENTIAL, RU-2-4, RU-2-6 AND RU-2-8; 62-1372 MEDIUM-DENSITY MULTIPLE-FAMILY RESIDENTIAL, RU-2-10, RU-2-12 AND RU-2-15; 62-1373 HIGH-DENSITY MULTIPLE-FAMILY RESIDENTIAL, RU-2-30; 62-1401 RURAL RESIDENTIAL MOBILE HOME, RRMH-1, RRMH-2.5 AND RRMH-5; 62-1402 SINGLE-FAMILY MOBILE HOME, TR-1 AND TR-1-A; 62-1403 SINGLE-FAMILY MOBILE HOME, TR-2; 62-1405 SINGLE-FAMILY MOBILE HOME COOPERATIVE, TRC-1; 62-1571 ENVIRONMENTAL AREAS, EA AND 62-1573 INSTITUTIONAL USE, IN(L) AND IN(H) TO AMEND THE CONDITIONAL USE TERM FROM "TOWERS AND ANTENNA, NONCOMMERCIAL" TO "WIRELESS COMMUNICATION FACILITIES AND BROADCAST TOWERS"; SPECIFICALLY AMENDING SUBSECTION (3) OF SECTIONS: 62-1336 RURAL RESIDENTIAL, RR-1; 62-1337 SUBURBAN ESTATE RESIDENTIAL USE, SEU; 62-1338 SUBURBAN RESIDENTIAL, SR; 62-1339 ESTATE USE RESIDENTIAL, EU, EU-1 AND EU-2; 62-1340 SINGLE-FAMILY RESIDENTIAL, RU-1-13 AND RU-1-11; 62-1341 SINGLE-FAMILY RESIDENTIAL, RU-1-9; 62-1342 SINGLE-FAMILY RESIDENTIAL, RU-1-7 AND 62-1404 MOBILE HOME PARK, TR-3 TO AMEND THE CONDITIONAL USE TERM FROM "TOWERS AND ANTENNAS, NONCOMMERCIAL (SEE DIVISION 5, SUBDIVISION III, OF THIS ARTICLE" TO "WIRELESS COMMUNICATION FACILITIES AND BROADCAST TOWERS"; SPECIFICALLY AMENDING SECTION 62-1953 TOWERS AND ANTENNAS TO REVISE REVIEW CRITERIA FOR TOWERS AND ANTENNA AND TO DELETE THE BIENNIAL TOWER CONDITIONAL USE PERMIT APPLICATION CYCLE; RENUMBER SECTION 62-2124 TELEVISION DISH RECEIVERS AND ANTENNAS TO SECTION 62-2447 AND RETITLE TO SATELLITE EARTH STATIONS; CREATE CHAPTER 62, DIVISION 7, COMMUNICATION FACILITIES TO ADMINISTER THE TOWER MASTER PLAN PROCESS, PROVIDING FOR CONFLICTING PROVISIONS; PROVIDING FOR SEVERABILITY; PROVIDING FOR AREA ENCOMPASSED; PROVIDING AN EFFECTIVE DATE; AND PROVIDING FOR INCLUSION IN THE CODE OF ORDINANCES OF BREVARD COUNTY, FLORIDA.

WHEREAS, the establishment of guidelines for siting of towers and other structures used for wireless communications promotes the health, safety and welfare of the public; and

WHEREAS, the County desires to minimize impacts of wireless communication facilities upon surrounding land uses by establishing standards for the location, structural integrity and compatibility; and

WHEREAS, the County desires to avoid potential injury to persons or property from tower failures due to windstorm hazards by creating structural standards and setback regulations; and

WHEREAS, the County desires to encourage the location and co-location of wireless telecommunication equipment on existing structures; and

WHEREAS, the County wishes to encourage the use of public lands, buildings or structures as locations for wireless telecommunication infrastructure; and

WHEREAS, the Board of County Commissioners, on August 19, 2014 directed preparation of an amendment to the Zoning Regulations as it relates to the creation of the Wireless Telecommunications Master Plan; and

WHEREAS, the Building Construction Advisory Committee, on September 10, 2014, reviewed the proposed ordinance and made recommendations; and

WHEREAS, the Local Planning Agency, on September 8, 2014, reviewed the proposed ordinance and made recommendations; and

WHEREAS, the Board of County Commissioners has reviewed the recommendations of the Local Planning Agency and the Building Construction Advisory Committee and has considered the comments of interested citizens in public hearing; and

WHEREAS, the Board of County Commissioners has determined that the proposed amendment serves the public health, safety and welfare of the citizens of Brevard County.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF BREVARD COUNTY, FLORIDA, as follows:

Underline indicates additions.

~~Strike through indicates deletions.~~

SECTION 1. Subsection (3) of the following Sections: 62-1331 General use, GU; Sec. 62-1332 Productive agricultural, PA; Sec. 62-1406 Recreational vehicle park, RVP; Sec. 62-1481 Restricted neighborhood retail commercial, BU-1-A; Sec. 62-1482 General retail commercial, BU-1; Sec. 62-1483 Retail, warehousing and wholesale commercial, BU-2; Sec. 62-1511 General tourist commercial, TU-1; Sec. 62-1512 Transient tourist commercial, TU-2; Sec. 62-1541 Planned business park, PBP; Sec. 62-1542 Planned industrial park, PIP; Sec. 62-1543 Light industrial, IU; Sec. 62-1544 Heavy industrial, IU-1; and Subsection (1)(b)(4) of Section 62-1574 Farmton mixed use zoning overlay district, FARM-1 within the Code of Ordinances of Brevard County, Florida, are hereby amended to replace the phrase "towers and antennas" with "Wireless telecommunication facilities and broadcast towers":

Communications Facilities Ordinance

DRAFT 8/4/14

Sec. 62-1331. General use, GU.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1332. Productive agricultural, PA.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1406. Recreational vehicle park, RVP.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1481. Restricted neighborhood retail commercial, BU-1-A.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1482. General retail commercial, BU-1.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1483. Retail, warehousing and wholesale commercial, BU-2.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1511. General tourist commercial, TU-1.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1512. Transient tourist commercial, TU-2.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1541. Planned business park, PBP.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1542. Planned industrial park, PIP.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1543. Light industrial, IU.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1544. Heavy industrial, IU-1.

(3) Conditional uses. In addition to those specified in section 62-1540, conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1574(1)b.4. Farmland mixed use zoning overlay district, FARM-1.

Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

SECTION 2. Subsection (3) of the following Sections: 62-1334.5 Agricultural rural residential, ARR; 62-1335 Rural estate use, REU; 62-1343 Single-family attached residential, RA-2-4, RA-2-6, RA-2-8 and RA-2-10; 62-1344 Residential-professional, RP; 62-1371 Low-density multiple-family residential, RU-2-4, RU-2-6 and RU-2-8; 62-1372 Medium-density multiple-family residential, RU-2-10, RU-2-12 and RU-2-15; 62-1373 High-density multiple-family residential, RU-2-30; 62-1401 Rural residential mobile home, RRMH-1, RRMH-2.5 and RRMH-5; 62-1402 Single-family mobile home, TR-1 and TR-1-A; 62-1403 Single-family mobile home, TR-2; 62-1405 Single-family mobile home cooperative, TRC-1; 62-1571 Environmental areas, EA; and 62-1573 Institutional Use, IN(L) and IN(H) within the Code of Ordinances of Brevard County, Florida, are hereby amended to replace the phrase “towers and antennas, noncommercial” with “Wireless telecommunication facilities and broadcast towers”:

Sec. 62-1334.5. Agricultural rural residential, ARR.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1335. Rural estate use, REU.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1343. Single-family attached residential, RA-2-4, RA-2-6, RA-2-8 and RA-2-10.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1344. Residential-professional, RP.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1371. Low-density multiple-family residential, RU-2-4, RU-2-6 and RU-2-8.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1372. Medium-density multiple-family residential, RU-2-10, RU-2-12 and RU-2-15.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1373. High-density multiple-family residential, RU-2-30.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1401. Rural residential mobile home, RRMH-1, RRMH-2.5 and RRMH-5.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1402. Single-family mobile home, TR-1 and TR-1-A.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1403. Single-family mobile home, TR-2.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1405. Single-family mobile home cooperative, TRC-1.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1571. Environmental areas, EA.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1573. Institutional Use, IN(L) and IN(H).

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

SECTION 3. Subsection (3) of the following Sections: 62-1334 Agricultural residential, AU and AU(L); 62-1336 Rural residential, RR-1; 62-1337 Suburban estate residential use, SEU; 62-1338 Suburban residential, SR; 62-1339 Estate use residential, EU, EU-1 and EU-2; 62-1340 Single-family residential, RU-1-13 and RU-1-11; 62-1341 Single-family residential, RU-1-9; 62-1342 Single-family residential, RU-1-7; and 62-1404 Mobile home park, TR-3 within the Code of Ordinances of Brevard County, Florida, are hereby amended to replace the phrase “towers and antennas (see division 5, subdivision III, of this article)” with “Wireless telecommunication facilities and broadcast towers”:

Sec. 62-1334. Agricultural residential, AU and AU(L).

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas (see division 5, subdivision III of this article) (section 62-1953).~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1336. Rural residential, RR-1.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial (see division 5, subdivision III, of this article).~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1337. Suburban estate residential use, SEU.

(3) *Conditional uses.* Conditional uses are as follows:

Communications Facilities Ordinance

DRAFT 8/4/14

~~Towers and antennas, noncommercial (see division 5, subdivision III, of this article).~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1338. Suburban residential, SR.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial (see division 5, subdivision III, of this article).~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1339. Estate use residential, EU, EU-1 and EU-2.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial (see division 5, subdivision III, of this article).~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1340. Single-family residential, RU-1-13 and RU-1-11.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial (see division 5, subdivision III, of this article).~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1341. Single-family residential, RU-1-9.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial (see division 5, subdivision III, of this article).~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1342. Single-family residential, RU-1-7.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial (see division 5, subdivision III, of this article).~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1404. Mobile home park, TR-3.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial (division 5, subdivision III, of this article).~~

Wireless telecommunication facilities and broadcast towers.

SECTION 4. Chapter 62, Article VI, Division 7. Communication Facilities. is hereby created.

SECTION 5. Chapter 62, Article VI, Division 7, Subdivision I. General Provisions. is hereby created.

SECTION 6. Section 62-2400. Title. is created as follows:

Sec. 62-2400. Title.

This Ordinance shall be known and may be cited as the “Communications Facilities Ordinance of Brevard County, Florida”.

SECTION 7. Section 62-2401. Intent. is created as follows:

Sec. 62-2401. Intent.

The intent of this article is to establish general guidelines for the siting of towers and other structures used for the provision of communication services, including but not limited to wireless telecommunications and associated antenna, ground equipment, and accessory structures related to wireless telecommunications infrastructure, and to promote the health, safety, and general welfare of the public from:

- 1) Potential injury to citizens and damage to property from falling towers or items falling from a tower;
- 2) Potential injury to people while playing around towers and their appurtenant compounds;
- 3) Potential injury and damage to low-flying aircraft;
- 4) Potential aesthetic harm to residential communities; and
- 5) Potential negative economic impacts on the scenic tourist industry.

SECTION 8. Section 62-2402. Goals. is created as follows:

Sec. 62-2402. Goals.

The goals of this Division are to:

- 1) Minimize the impacts of communication facilities on surrounding land uses by establishing standards for location, structural integrity, and compatibility;
- 2) Avoid potential injury to persons and properties from tower failure and windstorm hazards through structural standards and setback requirements;
- 3) Preserve the scenic and visual character of the geographic area by encouraging the location, design and architectural treatment of wireless telecommunication facilities to avoid the disruption of the natural and built environment, and to ensure harmony and compatibility with surrounding land use patterns;
- 4) Facilitate the provision of communication services to residents, businesses, and visitors;
- 5) Provide a uniform and comprehensive framework for evaluating proposals for communication facilities;
- 6) Encourage builders and tenants of towers and antennas to locate them, to the extent possible, in areas where the adverse impact on the community is minimal;
- 7) Encourage the location and co-location of wireless telecommunication equipment on existing structures thereby minimizing new visual, aesthetic, and public safety impacts, effects upon the natural environment and wildlife, and to reduce the need for additional wireless telecommunications facilities;
- 8) Accommodate the growing need and demand for communication services;
- 9) Encourage coordination between suppliers and providers of communication services;
- 10) Establish predictable and balanced codes governing the construction and location of communications facilities, within the confines of permissible local regulations;
- 11) Establish review procedures to ensure that applications for wireless telecommunications facilities are reviewed and acted upon within a reasonable period of time including compliance with Section 365.172 (12), Florida Statutes, as applicable;

Communications Facilities Ordinance

DRAFT 8/4/14

- 12) Respond to the policies embodied in the Federal Telecommunications Act of 1996 (47 USC §332(c)(7)), as applicable, in such a manner as not to unreasonably discriminate between providers of functionally equivalent personal wireless services or to prohibit or have the effect of prohibiting personal wireless services;
- 13) Respond to the policies embodied in Section 6409 of the Middle Tax and Job Creation Act of 2012 (47 USC §1455 (a)).
- 14) Encourage the use of public lands, buildings, and structures as locations for wireless telecommunications infrastructure;
- 15) Consideration of and compatibility with the goals and objectives of Brevard County's Comprehensive Plan; and to
- 16) Assure the tower remains in compliance with ANSI/EIA/TIA wind code standards for Brevard County, Florida.

SECTION 9. Section 62-2403. Definitions. is created as follows:

Sec. 62-2403. Definitions.

For the purpose of this Ordinance, the following terms shall have the meaning set forth in this section. When not inconsistent with the context, words used in the present tense include the future, words in the plural number include the singular, and words in the singular number include the plural. The word "shall" is always mandatory and not merely directory.

Abandoned - any tower without any mounted transmitting and/or receiving antennas in continued use.

Alternative structure - a structure that is not primarily constructed for the purpose of supporting antennas but on which one or more antennas may be mounted. Alternative structures include, but are not limited to, buildings, water tanks, light stanchions, pole signs, billboards, church steeples and electric power transmission towers.

Amateur radio tower – any tower used for amateur radio transmissions consistent with the “Complete FCC U.S. Amateur Part 97 Rules and Regulations” for amateur radio facilities.

Ancillary structure - equipment, devices and structures associated with a wireless communications facility, including but not limited to: concrete slabs on grade, guy anchors, generators, feed lines, mounting hardware, pedestals, electrical risers and transmission cable supports; however, specifically excluding equipment cabinets, towers, alternative structures and antenna elements.

Anti-climbing device – a piece or pieces of equipment, which are either attached to an antenna support structure, or which are freestanding and are designed to prevent people from climbing the structure. These devices may include but are not limited to fine mesh wrap around structure legs, the removal or absence of climbing pegs, “squirrel-cones,” or other approved devices, but excluding the use of barbed or razor wire.

Antenna - any apparatus designed for the transmitting and/or receiving of electromagnetic waves, including but not limited to: telephonic, radio, wireless, or television communications. Types of antenna include, but are not limited to: omni-directional (whip) antennas, sectionalized (panel) antennas, multi or single bay (FM & TV), yagi, or parabolic (dish) antennas, and in the case of AM broadcast facilities the actual tower structure.

Antenna array - a group of antennas and associated mounting hardware, transmission lines, or other appurtenances which share a common attachment device such as a mounting frame or common mounting support structure for a unified purpose of transmitting and/or receiving electromagnetic waves for a single wireless services provider, or if combined antennas, for the combined providers.

Antenna system – any antenna or antenna array.

ASR - the Antenna Structure Registration number as required by the FAA and FCC for towers that exceed 200 feet in height or may interfere with flight paths.

Antenna support structure – See “Tower”

Attached antenna – an antenna element attached to an alternative structure.

Base station - the electronic equipment utilized by the wireless telecommunication provider(s) for the transmission and/or reception of radio signals.

Board – the Board of County Commissioners of Brevard County, Florida.

Breakpoint technology - the engineering design of a tower wherein a specified point on the tower is designed to have stresses concentrated so that the breakpoint is at least five percent more susceptible to failure than any other point along the tower so that in the event of a structural failure of the tower, the failure will occur at the breakpoint rather than at the base plate, anchor bolts, or any other point on the tower.

Brevard County Wireless Telecommunication Facilities Master Plan also referred to as the Wireless Telecommunication Master Plan or Master Plan is that certain document prepared by CityScape Consultants, Inc., dated August X, 2014, adopted by the county and incorporated as part of this Ordinance by this reference. The Master Plan includes a table of county-owned sites potentially available for the location of wireless telecommunication facilities with design recommendations for each site and an inventory of all existing facilities throughout the county. The purpose of the Master Plan is to develop strategies for the improvement of future deployment practices within the county.

Broadcast facilities – towers, antennas, and/or antenna arrays for FM/TV/broadcasting transmission facilities, and tower(s) utilized as antennas for an AM broadcast station that are licensed by the Federal Communications Commission.

Broadcast tower – a tower built primarily for broadcast facilities, but which may also be used for co-location of other wireless telecommunications facilities.

Camouflage – camouflaged antenna systems and/or towers use paint instead of structure to blend into its surroundings; for example, matching the color of the structure upon which the system is attached or if separate and distinct from its surroundings colored to match the sky or nearby vegetation.

Coastal area – defined in the master plan as that area of the barrier islands east of the Banana and Indian Rivers.

Co-location – the practice of installing and operating multiple antenna systems, which are owned or controlled by multiple wireless service providers, and/or radio common carrier licensees on the same tower, antenna support structure, or alternative structure using different and separate antenna, feed lines, equipment cabinets, generators and other radio frequency generating equipment.

Combined antenna – an antenna or an antenna array designed and utilized to provide wireless telecommunications services for more than one wireless provider, or a single wireless provider utilizing more than one frequency band or spectrum, for the same or similar type of services.

Communication facilities – is the general term used to collectively describe all the various communication towers, antennas, networks, systems, arrays, equipment, devices and structures defined in this Ordinance.

Concealed – a tower, antenna system or ancillary structure, or equipment compound that is not readily identifiable as such, and is designed to be aesthetically compatible with existing and proposed building(s) and

uses on a site so as to reduce or mitigate the facility's potential adverse visual impacts on the surrounding areas. There are two types of concealed facilities: 1) antenna attachments, and 2) freestanding antenna support structures. Examples of concealed attached facility include, but are not limited to the following: antenna systems enclosed within canisters, faux windows, dormers or other architectural features that blend with an existing or proposed building or structure. Freestanding concealed antenna support structures usually have a secondary, obvious function which may be, but is not limited to the following: church steeple, windmill, bell tower, clock tower, light standard, flagpole with or without a flag, or tree.

County – the Board of County Commissioners of Brevard County, Florida.

Equipment cabinet – any structure, including: cabinets, shelters, pedestals, and other similar structures that are used exclusively or in combination with ancillary facilities, to contain radio or other equipment necessary for the transmission or reception of wireless communication signals.

Equipment compound – the fenced area surrounding the ground-based wireless communication facility that includes the following: the tower or antenna support structure's framework and ancillary structures such as equipment necessary to operate the antenna, cabinets, shelters, pedestals, emergency generators and other similar structures.

FAA - the Federal Aviation Administration.

FCC – the Federal Communications Commission.

Feed lines – coaxial cables, power cables, and/or fiber optic cables used as the interconnecting media between the equipment cabinet and the antenna. .

Flush-mounted – any antenna or antenna array attached directly to the tower or alternative structure such that no portion of the antenna extends above the height of the tower or alternative structure. Where a maximum flush-mounting distance is given, that distance shall be measured from the outside edge of the tower or alternative structure to the inside edge of the antenna.

Geographic search ring – an area designated by a wireless provider or operator for a new base station and antenna elements, produced in accordance with generally accepted principles of wireless engineering.

Guyed tower – a style of tower consisting of a single truss assembly composed of sections with cross bracing incorporated. The sections are attached to each other, and the assembly is attached to a foundation and supported by a series of wires that are connected to anchors placed in the ground or on a building.

Handoff candidate – a wireless telecommunication facility that receives call transference from another wireless facility, usually located in an adjacent first “tier” surrounding the initial wireless facility.

Lattice tower – a self-supporting tapered style of tower that consists of vertical and horizontal supports with multiple legs and cross-bracing and metal crossed diagonal strips or rods to support antennas.

Microcell - a microcell is a cell in a mobile phone network served by a low power cellular base station (tower), covering a limited area such as a mall, a hotel, or a transportation hub.

Mitigation – a modification of an existing antenna support structure to increase the height or to improve its integrity, by replacing or removing one or several antenna support structures located in proximity to a proposed new antenna support structure in order to encourage compliance with this article or improve aesthetics or functionality of the overall wireless network. Mitigation may also include replacement of an existing tower or antenna support structure with a new tower or antenna support structure which mitigates the impacts of its predecessor.

Monopole tower – a style of free-standing tower consisting of a single shaft usually composed of two or more hollow sections used to conceal all feed lines that are in turn attached to a foundation. This type of tower

is designed to support itself without the use of guy wires or other stabilization devices. These facilities are mounted to a foundation that rests on or in the ground or on a building's roof.

Non-concealed – a wireless communication facility that is readily identifiable as such and can be either freestanding or attached.

Personal communication service (PCS) – commercial mobile services, unlicensed wireless services, and common carrier wireless exchange access services, as defined in the Federal Telecommunications Act of 1996.

Provider's designed service – the configuration and manner of deployment of wireless communications services the wireless services provider has designed for an area as part of its network.

Public safety communications equipment – all communications equipment utilized by a public entity for the purpose of ensuring the safety of the citizens of the county.

Replacement – the removal of an existing tower for purposes of erecting a new tower of nearly equal dimensions usually for the purposes of improvement structural integrity.

Rural area - defined in the master plan as that area where there are fewer than 100 addresses per square mile.

Satellite earth station – a single or group of parabolic (or dish) antennas mounted to a support device that may be a pole or truss assembly attached to a foundation in the ground, or in some other configuration. A satellite earth station may include the associated separate equipment cabinets necessary for the transmission or reception of wireless telecommunications signals with satellites.

Substantial increase in size occurs when:

1) the mounting of the proposed antenna on the tower would increase the existing height of the tower by more than 10%, or by the height of one additional antenna array with separation from the nearest existing antenna not to exceed twenty feet, whichever is greater, except that the mounting of the proposed antenna may exceed the size limits described above if necessary to avoid interference with existing antennas; or

2) the mounting of the proposed antenna would involve the installation of more than the standard number of new equipment cabinets for the technology involved, not to exceed four, or more than one new equipment shelter; or

3) the mounting of the proposed antenna would involve adding an appurtenance to the body of the tower that would protrude from the edge of the tower more than twenty feet, or more than the width of the tower structure at the level of the appurtenance, whichever is greater, except that the mounting of the proposed antenna may exceed the size limits described above if necessary to shelter the antenna from inclement weather or to connect the antenna to the tower via cable; or

4) the mounting of the proposed antenna would involve excavation outside the current tower site, defined as the current boundaries of the leased or owned property surrounding the tower and any access or utility easements currently related to the site.

Tower – a vertical projection composed of metal or other material with or without a foundation that is designed for the express purpose of accommodating antennas at a desired height. Towers do not include any device used to attach antennas to an existing building, unless the device extends above the highest point of the building by more than twenty (20) feet. Types of towers include the following: guy, lattice and monopole structures.

Tower base – the above ground portion of the foundation, usually concrete, on which the tower is situated. For measurement calculations, the tower base is that point on the foundation reached by dropping a perpendicular line from the geometric center of the tower.

Tower height – for ground mounted towers, the vertical distance measured from the average elevation of the finished development grade of the building site to the highest point of the tower, including any antenna, lighting, lightning protection or other equipment affixed thereto. For roof mounted towers, the vertical distance measured from the flat roof section where the tower is mounted to the highest point of the tower, including any antenna, lighting, lightning protection or other equipment affixed thereto.

Tower setback – the minimum distance a tower is located from the property line of the parent tract.

Tower site – the land area that contains, or will contain, a proposed tower, support structures and other related buildings and improvements. Tower sites are confined within a parent tract if non-leased or when leased within the designated area of the lease.

Transmission – the development of a radio signal from an antenna device for the purpose of communications or communication of data.

Transmission line - see “Feed line” – a coaxial cable intended to convey radio frequency between a transmitter/receiver to an antenna.

Urban area - defined in the master plan as that area where there are more than 100 addresses per square mile.

Wireless telecommunications facility (WTCF) - any staffed or unstaffed location for the transmission and/or reception of radio frequency signals, or other wireless communications, and usually consisting of an antenna or group of antennas, transmission cables fiber optic cables, DC power cables, and equipment cabinets, and may include a tower. The following shall be deemed a wireless communications facility: new, mitigated, or existing towers, public towers, replacement towers, antenna co-location on existing towers, attached wireless communications facilities, concealed wireless communication facilities, non-concealed wireless communication facilities.

SECTION 10. Section 62-2404. Applicability. is created as follows:

Sec. 62-2404. Applicability.

This Ordinance shall apply to the development activities within the unincorporated area of the county, including installation, construction, or modification of all communications facilities including but not limited to:

- 1) Amateur radio station antennas and structures consistent with the requirements of Section 166.0435, Florida Statutes.
- 2) Satellite earth stations larger than one (1) meter in diameter.
- 3) Existing antenna support structures.
- 4) Proposed antenna support structures.
- 5) Replacement of existing antenna support structures.
- 6) Mitigation of antenna support structures.
- 7) Co-location on existing antenna support structures.
- 8) Attached wireless communications facilities.

- 9) Camouflaged wireless communications facilities.
- 10) Concealed wireless communications facilities.
- 11) Broadcast facilities.

SECTION 11. Section. 62-2405. Existing communications facilities. is created as follows:

Sec. 62-2405. Existing communications facilities.

Communications facilities existing prior to the adoption of this Ordinance on October 2, 2014, or permitted prior to the adoption of this Ordinance shall be allowed to continue to operate in compliance with all requirements set forth by the county at the time of approval.

SECTION 12. Section 62-2406. Exempt facilities. is created as follows:

Sec. 62-2406. Exempt facilities.

Communications facilities shall be constructed and maintained in conformance with all applicable building code and site plan requirements. The following are exempt from the provisions of this Ordinance; notwithstanding any other provisions:

- 1) Satellite earth stations that are one (1) meter (39.37 inches) or less in diameter.
- 2) A government-owned communications facility, upon the declaration of a state of emergency by federal, state, or local government, and a written determination of public necessity by the county manager or designee; except that such facility must comply with all federal and state requirements. No communications facility shall be exempt from the provisions of this division beyond the duration of the state of emergency.
- 3) A government-owned communications facility erected for the purposes of installing antenna(s) and ancillary equipment necessary to provide communications for public health and safety.
- 4) A temporary, commercial communications facility, upon the declaration of a state of emergency by federal, state, or local government; except that such facility must comply with all federal and state requirements. The communications facility may be exempt from the provisions of this division up to three (3) months after the duration of the state of emergency.
- 5) A temporary, commercial communications facility, for the purposes of providing coverage of a special event such as news coverage or sporting event, except that such facility must comply with all federal and state requirements. Said communications facility may be exempt from the provisions of this division up to one (1) week after the duration of the special event.
- 6) Wireless telecommunication facilities not exceeding 35 feet in height measured from the average elevation of the finished development grade of the building site are permitted in every zoning classification as an accessory structure to a developed primary use. WTCFs permitted pursuant to this exemption shall be utilized for local, private communication purposes. Communication service subscriptions are prohibited.

SECTION 13. Section 62-2407. Abandonment (discontinued use). is created as follows:

Sec. 62-2407. Abandonment (discontinued use).

- 1) Communications facilities and the equipment compound shall be removed, at the owner's expense, within 180 days of cessation of use, unless the abandonment is associated with a mitigation as provided in Section 62-2444 (7), in which case the removal shall occur within ninety (90) days of cessation of use.

- 2) An owner wishing to extend the time for removal or reactivation shall submit an application stating the reason for such extension. The county manager or designee may extend the time for removal or reactivation up to sixty (60) additional days upon a showing of good cause. If the facilities are not removed within this time, the county may give notice that it will contract for removal within thirty (30) days following written notice to the owner. Thereafter, the county may cause removal of the facilities and equipment compound with costs being borne by the owner.
- 3) Upon removal of the facilities and equipment compound, the development area shall be returned to its natural state and topography and vegetated consistent with the natural surroundings or consistent with the current uses of the surrounding or adjacent land at the time of removal, excluding the foundation, which does not have to be removed.

SECTION 14. Section 62-2408. Administration. is created as follows:

Sec. 62-2408. Administration.

This Ordinance shall be administered and enforced by the county manager or designee. The county may, through contract, secure the professional services of communications consultants to assist county staff in the implementation of this Ordinance. Such professional services include, but are not limited to, review and evaluation of permit applications, determination of compliance with existing and proposed Federal regulations, minimization of the aesthetic impact, review of the technical data and expert testimony as needed.

SECTION 15. Section 62-2409. Enforcement. is created as follows:

Sec. 62-2409. Enforcement.

If the county manager or designee shall find that any of the provisions of this Ordinance are being violated, it shall notify in writing the person responsible for the violation, specifying the nature of the violation and what corrective measures must be taken. The county manager or designee shall order discontinuance of illegal use of land, buildings, or structures; removal of illegal buildings or structures or of additions, alterations, or structural changes thereto; discontinuance of any illegal work being done; or shall take any other action authorized by law to insure compliance with or to prevent violation of the provisions of this Ordinance. The county may seek enforcement action against both the record owner of the property and any other person or entity responsible for carrying out any prohibited action.

SECTION 16. Section 62-2410. Penalties. is created as follows:

Sec. 62-2410. Penalties.

Penalties for violations of this Ordinance shall be as specified in Sections 125.69 or Ch. 162, Florida Statutes, as amended, or any other appropriate remedy provided by law. Each day such violation exists shall constitute a separate offense.

SECTION 17. Sec. 62-2411. Interference with public safety communications. is created as follows:

Sec. 62-2411. Interference with public safety communications.

In order to facilitate the regulation, placement, and construction of antenna(s), and to ensure that all parties are complying to the fullest extent possible with the rules, regulations, and/or guidelines of the FCC, each owner of an antenna, antenna array or applicant for a co-location shall demonstrate:

- 1) Compliance with “good engineering practices” as defined by the FCC in its rules and regulations.
- 2) Compliance with FCC regulations regarding susceptibility to radio frequency interference, frequency coordination requirements, general technical standards for power, antenna, bandwidth limitations,

frequency stability, transmitter measurements, operating requirements, and any and all other federal statutory and regulatory requirements relating to radio frequency interference (RFI).

- 3) In the case of an application for co-located, upgraded, or modified wireless communications facilities, the applicant, together with the owner of the subject site, shall use their best efforts to provide a composite analysis of all users of the site to determine that the applicant's proposed facilities will not cause radio frequency interference with the county's public safety communications equipment and will implement appropriate technical measures, as described in antenna element replacements, to attempt to prevent such interference.
- 4) Whenever the county has encountered radio frequency interference with its public safety communications equipment, and it believes that such interference has been or is being caused by one or more antenna arrays, the following steps shall be taken:
 - a. The county shall provide notification to all wireless service providers operating in the area of possible interference with the public safety communications equipment, and upon such notifications, the owners shall use their best efforts to cooperate and coordinate with the county and among themselves to investigate and mitigate the interference, if any, utilizing the procedures set forth in the joint wireless industry-public safety "Enhanced Best Practices Guide," released by the FCC in Appendix D of FCC 04-168 (released August 6, 2004), including the "Good Engineering Practices," as may be amended or revised by the FCC from time to time in any successor regulations.
 - b. If any equipment owner fails to cooperate with the county in complying with the owner's obligations under this section or if the FCC makes a determination of radio frequency interference with the county public safety communications equipment, the owner who failed to cooperate and/or the owner of the equipment which caused the interference shall be responsible, upon FCC determination of radio frequency interference, for reimbursing the county for all costs associated with ascertaining and resolving the interference, including but not limited to any engineering studies obtained by the county to determine the source of the interference. For the purposes of this subsection, failure to cooperate shall include failure to initiate any response or action as described in the "Best Practices Guide" within twenty-four (24) hours of county's notification.

SECTION 18. Section 62-2412. Appeals. is created as follows:

Sec. 62-2412. Appeals

Appeals from the administrative enforcement and interpretation of this Ordinance may be filed pursuant to Section 62-301. Any aggrieved or adversely affected party with legal standing may challenge a quasi-judicial decision of the Board of County Commissioners by filing an action for appropriate relief in a court of competent jurisdiction within thirty (30) days of the date the decision was rendered.

SECTION 19. Chapter 62, Article VI, Division 7, Subdivision II. Permit levels and general development standards. is hereby created.

SECTION 20. Section 62-2420. Permit levels. is created as follows:

Sec. 62-2420. Permit levels.

- 1) Permit (Level I) - The development order (building permit) issued by the county manager or designee to an individual, corporation, partnership, or other entity to engage in the creation of:

Communications Facilities Ordinance

DRAFT 8/4/14

- a. An amateur radio tower not exceeding 100 feet in height, in accordance with the provisions of Section 166.0435, Florida Statutes, as amended.
 - b. An antenna element replacement that does not cause a substantial increase in the size of the existing structure or tower.
- 2) Permit (Level II) - The development order (site plan and/or building permit) issued by the county manager or designee to an individual, corporation, partnership, or other entity to engage in
- a. Wireless telecommunication facilities development on county-owned properties.
 - b. Concealed, camouflaged or non-concealed attached antenna on utility structures not located within county-owned properties.
 - c. Co-located facilities on existing tower, building or water tank not located within county-owned properties.
 - d. Mitigation of an existing tower.
 - e. A satellite earth station greater than one (1) meter in diameter.
 - f. Wireless communication facilities, towers and antenna not exceeding 35 feet in height.
- 3) Permit (Level III) - The conditional use permit issued by the Board of County Commissioners, pursuant to the public hearing process and requirements set forth in Sections 62-1901 and 62-1953, to an individual, corporation, partnership, or other entity to engage in the creation of:
- a. All wireless telecommunication facilities not authorized under permit levels 1 or 2.
 - b. Communication facilities identified as a level 1 or 2 permit that exceed the development standards designated by this Ordinance.
 - c. Broadcast towers.

SECTION 21. Section 62-2421. Design preference. is created as follows:

Section 62-2421. Design preference.

Design of a new wireless telecommunications facility (antenna array or new tower), co-location, or combined antenna shall be in accordance with the following order (1 – most preferred, 6(c) – least preferred):

- 1. Concealed attached antenna.
- 2. Camouflaged non-concealed attached antenna.
- 3. New concealed tower.
- 4. Mitigation of existing tower.
- 5. Camouflaged tower.
- 6. New non-concealed.
 - a. Monopole.
 - b. Lattice.
 - c. Guyed.

Where a less preferred design is proposed, the applicant must file an affidavit by a radio frequency engineer demonstrating that despite diligent efforts to adhere to the established hierarchy within the geographic search area, the more preferred options are not technically feasible, practical or justified given the location of the proposed wireless telecommunications facility.

SECTION 22. Section 62-2422. General development standards. is created as follows:

Sec. 62-2422. General development standards.

The following design standards apply generally to all WTCF antenna, antenna support structures and towers unless a different design standard is identified in the specific permit level requirements.

1) Minimum setbacks:

a. Residential setback. All WTCFs must be setback from residentially zoned properties, excluding the property that the facility is located on, at a distance equal to twice the height of the proposed tower.

b.

i. For all other WTCFs: If the WTCF is constructed using breakpoint design technology, the minimum setback distance shall be equal to 110 percent of the distance from the top of the structure to the breakpoint level of the structure, or the minimum side and rear yard requirements, whichever is greater. Certification by a registered professional engineer licensed by the State of Florida of the breakpoint design and the design's fall radius must be provided together with the other information required from an applicant. (For example, on a 100 foot tall monopole with a breakpoint at eighty (80) feet, the minimum setback distance would be twenty-two (22) feet (110 percent of 20 feet, the distance from the top of the monopole to the breakpoint) plus the minimum side or rear yard setback requirements for that zoning classification.)

ii. If the WTCF is not constructed using breakpoint design technology, the minimum setback distance shall be equal to 110 percent of the height of the proposed tower.

c.

2) Height.

The master plan recommends maximum heights for new towers according to location in a coastal, urban or rural area. These recommendations are based on signal propagation mapping of existing sites, compatibility with current land development patterns, and location of population centers (service need). The maximum recommended heights are: 80' in coastal areas, 120' in urban areas, and 199' feet in rural areas. All conditional use permit applications that seek to exceed these maximum heights will be required to provide written certification from a radio frequency (RF) engineer licensed in the State of Florida stating that the maximum height recommendation will not meet the proposed service provider's coverage or capacity needs and that the proposed height is the minimum necessary to satisfy those needs.

3) Co-location.

a. All commercial towers must be constructed to permit co-location by other service providers where feasible. The term "where feasible," as it applies to co-location, means that utilization of a tower by another party would, at the time of such utilization, comply with sound engineering principles, would not materially degrade or impair the communication tower's utilization by existing users, would not unduly burden the tower structurally, and would not otherwise materially and adversely impact existing users. Reasonable terms for use of a communication tower that may be imposed by the owner include a requirement for reasonable rent or fees, taking into consideration the capitalized cost of the communication tower and land, the incremental cost of designing and constructing the tower so as to accommodate additional users, increases in maintenance expenses relating to the tower and a fair return on investment, provided such amount is also consistent with rates paid by other providers at comparable tower sites.

- b. All towers taller than sixty (60) feet in height shall be engineered and constructed to accommodate no less than three (3) antenna arrays.

4) Lighting.

- a. All towers required by the FAA to be lit must use the minimum number of warning and obstruction lights having the minimum intensity and number of flashes per minute permitted by the Federal Aviation Administration (FAA). Dual lighting standards are required and nighttime strobe light standards are prohibited unless required by the FAA. The lights shall be oriented so as not to project directly onto surrounding property
- b. As provided for in section 210-1, where lighting is required by Brevard County Mosquito Control on towers equal to or less than 200 feet in height, the frequency of high intensity lighting shall not exceed 20 flashes per minute.
- c. All lights on towers and antennas of any height shall be up-shielded.
- d. Where permitted, guyed towers shall use daytime visual markers (e.g., bird diverter devices) on the guy wires to reduce collisions by migratory birds.
- e. Third party: Third party (i.e., private sector tower company) tower construction projects on county lands are subject to the provisions of this section, unless the third party is acting on behalf of the federal or state government. A tower constructed by a third party on behalf of the federal or state government does not require local permits.

5) Equipment cabinets: Cabinets shall not be visible from pedestrian views. Cabinets may be provided within the principal building, behind a screen on a rooftop, or on the ground within the fenced-in and screened equipment compound.

6) Equipment Compound: The fenced in compounds shall not be used for the storage of any excess equipment or hazardous materials. No outdoor storage yards shall be allowed in a tower equipment compound, and the compound shall not be used as habitable space.

7) Fencing: All equipment compounds shall be enclosed with an opaque fence or similar structure.

8) Buffers: The equipment compound shall be landscaped with a minimum fifteen (15) foot wide perimeter buffer containing the following planting standards (See Section 62-4332 for defined terms):

- a. At least fifty percent (50%) of trees required for preservation and planting shall be of native species. At least fifty percent (50%) of shrubs and groundcovers shall be native species or recommended by "Waterwise Florida Landscapes" (2004), Florida Water Management Districts, as may be amended. Vegetation defined as Non-Native Invasive or Undesirable Plants per Section 62-4332 shall not be credited towards fulfillment of preservation or planting requirements.
- b. Satisfaction of the landscaping standards shall be achieved through the preservation of existing native vegetation to the greatest extent feasible. When the minimum landscaping standards cannot be achieved through preservation, plantings of new vegetation shall be required to meet the standards. Replacement tree criteria as outlined in Section 62-4341 (18) shall be met.

- c. One (1) row of large species trees with a minimum twelve (12) feet tall with two and one-half (2.5) inch diameter (caliper) minimum and five (5) foot spread, twenty-five (25) foot on center. Shrubs capable of creating a continuous hedge and obtaining a height of at least six (6) feet shall be planted, minimum three (3) gallon and twenty-four (24) inches tall at the time of planting, five (5) foot on center.
- d. Proposed landscape material, design, required removal of exotics and plant installation shall be consistent with Chapter 62, Article XIII, Division 2 - Landscaping, Land Clearing & Tree Protection.
- e. Landscaping plans which provide for the same average canopy and understory trees but propose alternative siting on the entire subject property on which the proposed facility is projected may be considered and approved by the county, provided the proposed alternative maximizes screening as provided above, and is otherwise consistent with the requirements of this section.

9) Signage:

- a. Signage is required to be placed upon an antenna support structure, equipment cabinets, or fence for the purpose of identifying the antenna support structure (either by the ASR registration number or other identifying information), as well as the party responsible for the operation and maintenance of the facility; i.e. the address and telephone number, security or safety signs, and property manager signs (if applicable).
- b. If more than two hundred twenty (220) volts are necessary for the operation of the facility and are utilized within the equipment compound or in the antenna support structure, signs located every twenty (20) feet and attached to the fence or wall shall display in large, bold, high contrast letters (minimum height of each letter four (4) inches) the following: "HIGH VOLTAGE - DANGER."
- c. All other signage is prohibited.

SECTION 23. Section 62-2423. Maintenance. is created as follows:

Sec. 62-2423. Maintenance.

Every five years, the owner of any tower and wireless communication facilities shall submit to the county building official a sealed statement from a certified civil engineer that the structure is sound. The certification shall be due by the end of the month upon each anniversary of the issuance of the building permit. If the report is not provided within 14 days after receipt of written notice by the CUP holder and property owner, towers which have not been certified shall be considered dilapidated and shall be removed by the property owner. Subject to subsection 62-1953 (4), if the property owner fails to remove the tower within 30 days after receiving notice to effect removal, the county shall have the right to remove such tower and impose a lien on the site which was the subject of the application.

SECTION 24. Section 62-2424. Fees. is created as follows:

Sec. 62-2424. Fees.

- 1) The county shall set a fee to cover the necessary processing cost of all communications facilities permits required by this Ordinance. The set fee shall be established by resolution and posted in the Planning and Development Department.
- 2) The county reserves the right to require a supplemental review for any Permit (Level I, II, or III) subject to the following:
 - a) Where due to the complexity of the methodology or analysis required to review an application for a Permit (Level I, II, or III) facility, the county may require the applicant to pay for a technical review by a third party expert, the costs of which shall be borne by the applicant and be in addition to other applicable fees. Schedules of current fees are listed in the Fee Schedule.
 - b) Based on the results of the expert review, the approving authority may require changes to the applicant's application or submittals.
 - c) The supplemental review may address any or all of the following:
 1. The accuracy and completeness of the application and any accompanying documentation.
 2. The applicability of analysis techniques and methodologies.
 3. The validity of conclusions reached.
 4. Whether the proposed communications facility complies with the applicable approval criteria set forth in these codes.
 5. Other items deemed by the county to be relevant to determining whether a proposed communications facility complies with the provisions of these codes.

SECTION 25. Chapter 62, Article VI, Division 7, Subdivision III. Level I Permits. is hereby created.

SECTION 26. Section 62-2430. Application requirements. is created as follows:

Sec. 62-2430. Application requirements.

Permit Level I applications shall contain the following:

- 1) Application fee
- 2) Complete building permit application

SECTION 27. Section 62-2431. Amateur radio towers. is created as follows:

Sec. 62-2431. Amateur radio towers.

- 1) Applicant shall confirm there will be no commercial radio attachments and shall provide a copy of a valid FCC amateur operator's license, as required by 47 C.F.R. §97.5.
- 2) Height: Tower height and location shall comply with applicable federal and state law regarding amateur radio towers, including the requirements of Section 166.0435, Florida Statutes, and Amateur Radio Preemption, 101 FCC2d 952 (1985) ("PRB-1"). Proposed towers that are 100 feet in height or less will only require a building permit. Any specific location request or height request from an amateur tower applicant in excess of 100 feet shall seek a conditional use permit pursuant to the procedures set forth in section 62-1901 and section 62-1953.
- 3) Minimum Setback Requirements
 - a. A distance equal to the height of the tower shall separate new amateur radio towers from property lines, right-of-way lines and/or easements when not using breakpoint technology. If the antenna support structure has been constructed using breakpoint design technology, the

minimum setback distance shall be equal to 110 percent of the distance from the top of the structure to the breakpoint level of the structure, or the minimum side and rear yard requirements, whichever is greater.

- b.
- c. Relocation or replacement of a nonconforming amateur radio tower is permissible if relocated on same parcel. The new location must comply with current ordinance setback requirements, or, if compliance is not possible, the relocation must not increase the amount by which setbacks are nonconforming, other than increases necessitated solely by changes in size of the base to support the new tower.

4) Location: Towers must be located behind the front building line of the principal structure.

SECTION 28. Section 62-2432. Antenna element replacement. is created as follows:

Sec. 62-2432. Antenna element replacement.

- a. Replacement of existing antenna elements shall be permitted provided that the replacement does not increase the height or wind loading of the subject facility or add additional frequencies. In those cases where a substantial increase in size is necessitated by a proposed co-location and would result in a tower that would require a conditional use permit, the applicant shall seek a conditional use permit pursuant to the procedures set forth in section 62-1901 and section 62-1953.
- b. Replacement antennas added to non-concealed towers must be painted to match the structure upon which they will be placed, if possible. Antenna systems added to concealed towers shall also be concealed.

SECTION 29. Chapter 62, Article VI, Division 7, Subdivision IV. Level II Permits. is hereby created.

SECTION 30. Sec. 62-2440. Application requirements. is created as follows:

Sec. 62-2440. Application requirements.

Permit Level II applications shall contain the following:

- 1) Application fee
- 2) Complete building permit application
- 3) Complete site plan application, (See Sections 62-3200 through 62-3207)
- 4) Specific application requirements for co-location and attachment (See Section 62-2441 – 62-2443)
- 5) Specific application requirements for mitigation and new towers (See Section 62-2444)

SECTION 31. Section 62-2441. Co-location. is created as follows:

Sec. 62-2441. Co-location.

The county requires co-location and combining of antennas on existing communications towers as a first priority where co-location is possible. Co-locations are subject to the following:

- 1) A co-located or combined antenna or antenna array shall not exceed the maximum height prescribed in the conditional use permit (if applicable) or increase the height of an existing tower by more than twenty (20) feet and shall not affect any tower lighting.

2) New antenna mounts shall be flush-mounted onto existing structures, unless it is demonstrated through radio frequency (RF) propagation analysis that flush-mounted antennas will not meet the network objectives of the desired coverage area.

3) The equipment cabinet shall be subject to the setback requirements of the underlying zoning district.

4) When a co-located or combined antenna is to be located on a nonconforming building or structure, then the existing permitted nonconforming setback shall prevail.

5) Applications entitled to the streamlined processes described in Section 365.172(12), Florida Statutes, shall meet all the following requirements:

- a. The additional antenna array, transmission lines, and related ancillary equipment including the base station shall not exceed the number of same items previously approved for such tower when originally approved, and the co-located facility is in conformance with the original zoning conditions imposed on the tower upon which it is being attached.
- b. The proposed co-location shall not increase the overall height and width of the tower or telecommunications support structure to which the proposed infrastructure is to be attached.
- c. The co-location shall not increase the ground space area approved in the antenna support facility site plan for equipment enclosures and ancillary facilities.
- d. The existing tower on which the co-location will attach shall comply with applicable regulations, restrictions, or conditions, if any, applied to the initial telecommunications facilities placed on the tower.
- e. The proposed additional co-location and tower shall comply with all federal, State and local safety requirements.
- f. The proposed co-location and ancillary equipment shall comply with the ANSI/EIA/TIA-222 (as amended) code for Brevard County, Florida.

6) Applications for co-location entitled to streamlined processing pursuant to Section 6409 of the Middle Class Tax Relief and Job Creation Act of 2012 shall be approved provided they meet the following requirements:

- a. A co-location on an existing antenna-supporting structure shall not increase the overall height of the antenna-supporting structure, antenna and/or antenna array more than 10% or 20 feet, whichever is greater, and shall not cause the width (girth) of the structure to be increased more than 20 feet or the existing girth of the structure, whichever is greater.
- b. Any co-location on an existing antenna-supporting structure shall meet current building code requirements (including wind loading).
- c. A co-location shall not add more than 4 additional equipment cabinets or 1 additional equipment shelter to be eligible as a co-location under this subsection.
- d. A co-location eligible under this subsection shall not require excavation outside of existing leased or owned parcel or existing easements.
- e. Proposed co-locations that do not meet the standards of this subsection shall be processed either pursuant to subsection (5) above or pursuant to this Section 62-2420 (3), as applicable.

SECTION 32. Sec. 62-2442. Concealed, camouflaged and non-concealed attached antenna. is created as follows:

Communications Facilities Ordinance

DRAFT 8/4/14

Sec. 62-2442. Concealed, camouflaged and non-concealed attached antenna.

Concealed, camouflaged and non-concealed attached antenna shall be subject to the following:

- 1) The placement of antennas on buildings and other structures is encouraged and preferred over the installation of towers or monopoles. Where feasible, co-location of facilities and minimum number of antennas shall be evaluated to determine the proposed facility has been designed properly.
- 2) New antenna mounts shall be flush-mounted onto existing structures, unless it is demonstrated through RF propagation analysis that flush-mounted antennas will not meet the network objectives of the desired coverage area.
- 3) The top of the attached antenna shall not be more than twenty (20) feet above the existing structure. In those cases where a substantial increase in size is necessitated by the proposed co-location and would result in a tower that would require a conditional use permit if being reviewed for the first time, the applicant shall seek a conditional use permit pursuant to the procedures set forth in section 62-1901 and section 62-1953 and the tower shall be subject to setback criteria as if being permitted for the first time.
- 4) Equipment cabinets shall be located within the existing building, existing equipment compound or behind an opaque enclosure matching the architectural designs and colors of the principal building or structure.
- 5) If the existing equipment compound is not sized adequately to accommodate the new proposed ground equipment, then a revised site plan of the original tower site shall be submitted addressing the overall ground space for said tower. New equipment cabinets are subject to the underlying zoning setbacks and current buffer and screening requirements.
- 6) Concealed and non-concealed attached antenna systems shall be subject to approval by the county and the utility company, if applicable, and the attachments shall be painted to match the structure upon which they will be placed.
- 7) Except for non-concealed attached antennas, feed lines and antennas shall be designed to architecturally match the façade, roof, wall, and/or structure on which they are affixed so that they blend with the existing structural design, color and texture.
- 8) All exposed cables, conduits; surface mounted wires shall be concealed or painted to match the building.
- 9) Screening enclosures shall be allowed when the design is architecturally compatible with the building.
- 10) Lighting of these facilities is not allowed except as required by Section 62-2422(4).

SECTION 33. Sec. 62-2443. Specific application requirements for co-location and attachment. is created as follows:

Sec. 62-2443. Specific application requirements for co-location and attachment.

- 1) A signed statement from the tower owner or owner's agent agreeing to allow the co-location of other wireless equipment on the proposed tower, if the structure is designed or capable of additional wireless equipment.

2) Compliance with American National Standards Institute (ANSI) standards for electromagnetic radiation: In order to protect the public from excessive exposure to electromagnetic radiation, the facility applicant shall certify through a written statement that the facility meets or exceeds current ANSI standards as adopted by the FCC.

3) Certification furnished by a registered professional engineer licensed in the Florida that the structure has sufficient structural integrity to support the proposed antenna and feed lines in addition to all other equipment located or mounted on the structure.

4) One (1) original and two (2) copies of a survey of the property completed by a registered professional engineer, licensed in the State of Florida showing all existing uses, structures, and improvements.

5) Any applicant for facilities under this section shall certify that such proposed facility shall comply with all applicable federal regulations regarding interference protection, including but not limited to federal regulations regarding adjacent channel receiver (blanket) overload and intermodulation distortion.

6) Streamlined process for co-location approvals are subject to the following:

- a. A co-location application entitled to streamlined processing shall be deemed complete unless the county notifies the applicant within forty-five (45) business days of submission (or within some other mutually agreed upon timeframe) that the submission is incomplete. Notices of application incompleteness shall identify the deficiencies in the application which, if cured, would make the application complete. Approval or denial of a complete application shall be in writing and shall be postmarked to the applicant by the forty-fifth (45) business day after the submission is deemed complete.
- b. Upon resubmitting of the revised application the county shall follow the process identified in this section, above, until all deficiencies identified are deemed cured.
- c. If the county does not respond in writing to the applicant within the specified timeframe detailed above, then the application shall be deemed approved.
- d. Application entitled to the streamlined review process shall not be subject to design or placement requirement, or public hearing review. All applications shall be initially submitted to the county for review and processing.

SECTION 34. Section 62-2444. Mitigation. is created as follows.

Sec. 62-2444. Mitigation.

Mitigation of an existing tower shall accomplish a minimum of one of the following: (1) reduce the total number of towers within the county; or (2) reduce the total number of nonconforming towers within the county; or (3) replace an existing tower with a new tower on the same property to improve network functionality resulting in compliance with this ordinance. Mitigation is subject to the following:

- 1) No tower shall be mitigated more than one time.
- 2) Height: The height of a tower approved for mitigation shall not exceed one hundred and fifteen (115) percent of the height of the tallest tower that is being mitigated. (For example a 100 foot existing tower could be rebuilt at 115 feet.)

3) Setbacks: Attempts shall be made to meet the setback requirement for the new tower on the same property to the maximum degree possible. At a minimum, the new tower and its equipment compound shall be no closer to any property lines, neighboring structures or adjacent dwelling units as the tower and equipment compound being mitigated.

4) Breakpoint technology: A newly mitigated tower shall use breakpoint technology when possible in the design of the replacement facility.

5) Buffers: The tower equipment compound shall be brought into compliance with landscape and vegetation buffer requirements listed in section 62-2422 (8).

6) Visibility: Mitigated antenna-supporting structures shall be configured and located in a manner that minimizes adverse effects on the landscape and adjacent properties, with specific design considerations as to height, scale, color, texture, and architectural design of the buildings on the same and adjacent zoned lots.

7) The existing tower, including tower base but excluding the tower foundation, must be removed within ninety (90) days of the completion of the new tower.

SECTION 34. Section. 62-2445. Wireless telecommunication facilities on county-owned property. is created as follows:

Sec. 62-2445. Wireless telecommunication facilities on county-owned property.

1) The master plan identifies sites the county considers preferred for the location of commercial wireless telecommunication facilities. These properties and the recommendations provided in TABLE have been specifically reviewed for service needs and zoning and land use compatibility through an administrative rezoning process pursuant to Section 62-1152. Designation of these sites for the location of wireless telecommunications facilities is considered a zoning overlay. Properties may be added or deleted from the TABLE through the same public hearing process.

2) Pursuant to applicable law, the county may contract with a third party to administer those publicly-owned sites for purposes of developing the sites as part of its master plan, consistent with the terms of this Ordinance. Except as specifically provided herein, the terms of this article, and the requirements established thereby, shall be applicable to all wireless telecommunications facilities to be developed or collocated on county-owned sites.

3) If an applicant requests a permit to develop a communications facility on county-owned property, the permit granted hereunder shall not become effective until the applicant and the county have executed a written agreement or lease setting forth the particular terms and provisions under which the authorization to occupy and use the public lands of the county will be granted. Authorization to use public lands is subject to Board approval.

4) No development permit granted under this section shall convey any exclusive right, privilege, permit, or franchise to occupy or use the publicly-owned sites of the jurisdiction for delivery of wireless communications services or any other purpose.

5) No permit granted under this section shall convey any right, title or interest in the public lands, but shall be deemed a permit only to use and occupy the public lands for the limited purposes and term stated in the separate agreement between the county as lessor and applicant as lessee. Further, no permit shall be construed as a conveyance of a title interest in the public property.

SECTION 35. Section 62-2446. Specific application requirements for mitigation and new towers.

Sec. 62-2446. Specific application requirements for mitigation and new level II towers.

- 1) A report and supporting technical data shall be submitted, demonstrating the following:
 - a. All antenna attachments and co-locations, including all potentially useable cross country utility distribution towers and other elevated structures within the proposed service area and alternative antenna configurations have been examined, and found unacceptable.
 - b. Reasoning as to why existing facilities such as cross country utility distribution and other elevated structures are not acceptable alternatives to a new freestanding tower.
 - c. Reasoning as to why the adequacy of alternative existing facilities or the mitigation of existing facilities are not acceptable in meeting the applicant's need or the needs of service providers, indicating that no existing communications facility could accommodate the applicant's proposed facility shall consist of any of the following:
 - i. No existing towers located within the geographic area meet the applicant's engineering requirements, and why.
 - ii. Existing towers are not of sufficient height to meet the applicant's engineering requirements, and cannot be mitigated to increase in height.
 - iii. Existing towers do not have sufficient structural integrity to support the applicant's proposed wireless communications facilities and related equipment, and the existing facility cannot be sufficiently improved.
 - iv. Other limiting factors that render existing wireless communications facilities unsuitable.
- 2) Technical data included in the report shall include certification by a registered professional engineer licensed in the State of Florida or other qualified professional, which qualifications shall be included, regarding service gaps or service expansions that are addressed by the proposed tower, and accompanying maps and calculations demonstrating the need for the proposed tower.
- 3) Proof that a property and/or tower owner's agent has appropriate authorization to act upon the owner's behalf (if applicable).
- 4) Signed statement from a qualified person, together with their qualifications, shall be included that warrants radio frequency emissions from the antenna array(s) comply with FCC standards. The statement shall also certify that both individually and cumulatively, and with any other facilities located on or immediately adjacent to the proposed facility, the replacement antenna complies with FCC standards.
- 5) A stamped or sealed structural analysis of the proposed tower prepared by a registered professional engineer licensed by the State of Florida indicating the proposed and future loading capacity of the tower is compliant with EIA/TIA-222-G (as amended).
- 6) An affidavit by a radio frequency engineer demonstrating compliance with 'Design preference' section of this Ordinance, Section 62-2421. If a lower ranking alternative is proposed the affidavit must address why higher ranked options are not technically feasible, practical, or justified given the location of the proposed communications facility.
- 7) Statement as to the potential visual and aesthetic impacts of the proposed tower and equipment on all adjacent residential zoning classifications.
- 8) Written statement by a registered professional engineer licensed by the State of Florida specifying the design structural failure modes of the proposed facility.

- 9) Statement certifying that no unusual sound emissions such as alarms, bells, buzzers, or the like are permitted. Emergency Generators are permitted. Sound levels shall not exceed seventy decibels (70 db).
- 10) A map showing the designated search ring.
- 11) Materials detailing the locations of existing antenna and tower facilities to which the proposed antenna will be a handoff candidate; including latitude, longitude, and power levels of the proposed and existing antenna is required.
- 12) A radio frequency propagation plot indicating the coverage of existing antenna sites, coverage prediction, and design radius, together with a certification from the applicant's radio frequency (RF) engineer that the proposed facility's coverage or capacity potential cannot be achieved by any higher ranked alternative such as a concealed facility, attached facility, replacement facility, co-location, or new tower. These documents are needed to justify a facility and to determine if the proposed location is the best suitable land use in the designated geographic area of the proposed facility.
- 13) One (1) original and two (2) copies of a survey of the property completed by a registered professional engineer, licensed in the State of Florida showing all existing uses, structures, and improvements.
- 14) Six (6) sets (24"×36") of signed and sealed site plans shall include the following:
 - a. Name of project and date
 - b. Deed Book, and Page and Map Book and Page Reference
 - c. Scale, north arrow, and vicinity map
 - d. Subject property information including zoning, watershed classification, percent coverage of lot to be impervious surface (if located in a designated watershed area)
 - e. Adjacent property information, including land owners, land uses, height of principal building, size of lots, zoning, and land use designation.
 - f. Tower elevations
 - g. Landscape buffering plans
 - h. Maximum height of the proposed tower and proposed and future mounting elevations of future antenna, including individual measurement of the base, the tower, and lightning rod
 - i. One (1) parking space is required for each tower development area. The space shall be provided within the leased area, or equipment compound, or the development area as defined on the site plan.
 - j. Location, classification, and size of all major public or private streets and rights-of-way
 - k. Identify adjacent features within 500 feet of property boundary including driveways, public parking areas, pedestrian ways, trails, and any other pertinent features
 - l. Two (2) reduced copies (8½"×11"), of the foregoing preliminary grading plans may be included on site plans or separately submitted in equal quantities.
- 15) Title report or American Land Title Association (A.L.T.A.) survey showing all easements on the subject property, together with a full legal description of the property.
- 16) List of adjacent property owners and keyed to the map. The list must be from the most current ownership information supplied by the Brevard County Property Appraiser's Office, together with two (2) sets of mailing labels for such property owners. Applicant will also provide a notarized letter stating the ownership list referenced herein is accurate to the best of the applicant's ability.

- 17) Simulated photographic evidence of the proposed tower and antenna appearance from any and all residential areas within 1,500 feet and vantage points approved by the county manager or designee, including the facility types the applicant has considered and the impact on adjacent properties including:
 - a. Overall height
 - b. Configuration
 - c. Physical location
 - d. Mass and scale
 - e. Materials and color
 - f. Illumination
 - g. Architectural design
- 18) All other documentation, evidence, or materials necessary to demonstrate compliance with the applicable approval criteria set forth in this Ordinance.
- 19) Prior to issuance of a building permit, proof of FAA compliance with Subpart C of the Federal Aviation Regulations, Part 77, and "Objects Affecting Navigable Airspace," if applicable.

SECTION 36. Section 62-2447. Satellite earth stations. is created as follows:

Sec. 62-2447. Satellite earth stations.

Satellite earth stations are hereby permitted in all zoning classifications, as an accessory use, under the following conditions:

- (1) The maximum diameter of a dish receiver shall be four meters.
- (2) The maximum height of a dish receiver shall be 14 feet.
- (3) The dish receiver or antenna shall be set back from all lot lines not less than a distance equal to the height of the dish receiver or antenna, and shall not be located to the front of the principal building.
- (4) The dish receiver or antenna may not be mounted on the roof of the principal or accessory structure, and must be detached from the principal structure.
- (5) The dish receiver or antenna must be capable of being placed in a "stow" position and tethered, unless engineered to withstand winds exceeding 120 miles per hour.

SECTION 37. Chapter 62, Article VI, Division 7, Subdivision V. Level III Permits. is hereby created.

SECTION 38. Section. 62-2450. Application requirements. is created as follows:

Sec. 62-2450. Application requirements.

Permit Level III applications shall include the following:

- 1) Application fee
- 2) Conditional use permit application (See Section 62-1953)
- 3) Complete building permit application
- 4) Complete site plan application (See Sections 62-3200 through 62-3207)
- 5) Specific application requirements for new towers (See Section 62-2451)
- 6) Specific application requirements for broadcast towers (See Section 62-2452)

SECTION 39. Section 62-2451. Specific application requirements for new wireless telecommunication facilities. is created as follows:

Sec. 62-2451. Specific application requirements and review process for new wireless telecommunication facilities.

1) Application Materials

- a. All wireless telecommunications facility applications. In addition to the materials required elsewhere by the code for the appropriate type of review, all wireless facility applications shall provide sufficient materials (plans, graphics, narratives, or expert statements) to demonstrate compliance with the applicable requirements of this Ordinance.
- b. Determination of need for a new tower: No new tower shall be permitted unless the applicant demonstrates that no existing tower or alternative structure within the applicant wireless provider's geographic search area can accommodate the applicant provider's proposed use antenna elements; or that use of such existing facilities would prohibit personal wireless services in the geographic search area to be served by the proposed antenna support structure. Accordingly, the applicant shall provide:
 - i. A copy of the geographic search area of the wireless provider committed to locate on the tower and that is justifying the placement of the tower;
 - ii. An inventory of all existing towers or potential support structures equal in height to the proposed facility that are located within an area that is ¼ of a mile in radius around the applicant's identified geographic search area;
 - iii. A written explanation documenting why an existing tower cannot reasonably be used, instead of building a new tower. Evidence submitted to demonstrate that no existing or approved tower or structure can accommodate the applicants proposed antenna may consist of any of the following:
 - A. No existing or approved towers or structures are located within the required geographic area meet the applicant's engineering requirements.
 - B. Existing or approved towers or structures are not of sufficient height to meet applicant's engineering requirements.
 - C. Existing or approved towers or structures do not have sufficient structural strength and cannot be modified to support applicant's proposed antenna and related equipment.
 - D. The applicant's proposed antenna would cause electromagnetic interference with the antenna on the existing or approved towers or structures, or the antenna on the existing or approved towers or structures would cause interference with the applicant's proposed antenna.
 - E. The fee, costs, or contractual provisions required by the owner in order to share an existing or approved tower or structure or to adapt an existing or approved tower or structure for sharing are unreasonable. Costs exceeding new tower development are presumed to be unreasonable.

F. The applicant demonstrates that there are other limiting factors that render existing and/or approved towers and structures unsuitable, as documented by a qualified and licensed professional electrical engineer, as applicable.

- c. Visual Impact Analysis. The applicant must demonstrate that the proposed tower does not create a significant adverse visual aesthetic impact on the surrounding landscape and adjacent properties. Refer to criteria posted in section 62-2446 (17) above.
- d. Design Preference Justification. If the proposed tower is non-concealed, the applicant must file relevant information that demonstrates why a concealed tower is not technically feasible, practical, or justified, given the designed location and configuration of the proposed wireless communications facility, the land uses and features of the subject and surrounding properties within 300 feet of the subject property, and the criteria of minimizing adverse visual impacts on the aesthetics of the surrounding area as measured against the review factors indicated in this section.

2) Application Completeness Review.

If the county determines the application and/or documentation fails to meet all the requirements of the ordinance, then the county shall provide written notification to the applicant as to the materials which need to be amended or supplied for review. The applicant shall provide to the county any requested materials for review. This process shall continue until the county has approved the application package, at which time the applicant may proceed to request a building permit.

- a. Within twenty (20) business days of receipt of an application for a wireless communications facility, the county shall determine if the application form has been completed and if all required items have been submitted.
- b. If county determines that the application is not complete and/or if all required items have not been submitted, the county shall, within the twenty (20) business days of the application submittal, notify the applicant in writing that the application is incomplete “notification of incompleteness”. The notification of incompleteness shall list, with specificity, those items that are incomplete and/or missing and indicate what must be provided to make the application complete.
- c. If the applicant resubmits the additional information or revised application, the county shall review the resubmitted materials for completeness. If the application is still not complete, county shall send the applicant another Notification of Incompleteness indicating the remaining deficiencies within the regular review timeframes, but in no case longer than twenty (20) business days after the application is resubmitted.
- d. Upon resubmitting the resubmittal of the revised site plan and paperwork materials, the county shall follow the process identified in a. and b. through c. above until all deficiencies identified are deemed cured and the application is deemed complete.
- e. If the county does not respond in writing to the applicant within the specified timeframes detailed above, then the application shall be deemed approved to be properly complete.
- f. When the application is deemed complete and all required items have been submitted, the county shall advise the applicant and begin processing the application.

3) Supplemental Reviews.

The county reserves the right to require a supplemental review for any other type of co-location, attachment, mitigated tower, new tower, or antenna element replacement subject to the following:

Communications Facilities Ordinance

DRAFT 8/4/14

- a. Where due to the complexity of the methodology or analysis required to review an application for any proposed or existing antenna support facility, the county may require the applicant to pay for a technical review by a third party expert, the costs of which shall be borne by the applicant and be in addition to other applicable fees. The supplemental review fees shall be a fixed sum and shall be established by separate resolution. Schedules of current fees are posted in the planning division office.
- b. Based on the results of the expert review, the approving authority may require changes to the applicant's application or submittals.
- c. The supplemental review may address any or all of the following:
 - i. The accuracy and completeness of the application and accompanying documentation.
 - ii. The applicability of analysis techniques and methodologies.
 - iii. The validity of conclusions reached.
 - iv. Whether the proposed wireless communications facility complies with the applicable approval criteria set forth in these codes.
 - v. Other items deemed by the county to be relevant to determining whether a proposed wireless communications facility complies with the provisions of these codes.

4) Application Review Timeframes.

- d. Review timeframe for wireless telecommunications facilities. The county shall review and grant or deny each properly completed application for all wireless communications facilities other than expedited review co-locations within ninety (90) business days from the date the application is determined to be properly complete.
- e. If the county does not grant or deny a properly completed application for a within the timeframes set forth above, the application shall be deemed automatically approved and the applicant may proceed with the next level of review or, if no additional levels of review are required, with the placement of the wireless communications facility.
- f. For level III applications only, the ninety (90) business-day time frame may be extended if the hearing on the conditional use permit before the Board of County Commissioners, following the review process and timeframe applicable to all conditional use approvals for all uses, cannot reasonably occur within the ninety (90) business days. Under such circumstances, the Board must either grant or deny the application at a regularly scheduled meeting prior to the ninety (90) business days expiration or the application shall be deemed automatically approved.
- g. These time frames may be waived, if a waiver is voluntarily agreed to by the applicant and the county. A one-time waiver may be required by the county, without the applicant's consent, in the case of a declared local, state, or federal emergency, which directly affects the permitting activities of the county, for the length of that emergency.

SECTION 40. Section 62-2452. Specific application requirements for new broadcast towers. is created as follows:

Sec. 62-2452. Specific application requirements for new broadcast towers.

1) Technical data included in the report shall include the purpose of the proposed facility as described in the FCC Construction Permit Application.

- 2) Proof that a property and/or tower owner's agent has appropriate authorization to act upon the owner's behalf, if applicable.
- 3) Signed statement from a qualified person, together with their qualifications, shall be included that warrants radio frequency emissions from the antenna array(s) comply with FCC standards regarding interference to other radio services. The statement shall also certify that both individually and cumulatively, and with any other facilities located on or immediately adjacent to the proposed facility, the replacement antenna complies with FCC standards regarding human exposure to RF energy.
- 4) A stamped or sealed structural analysis of the proposed tower prepared by a registered professional engineer licensed by the State of Florida indicating the proposed and future loading capacity of the tower is compliant with EIA/TIA-222-G (as amended).
- 5) A written statement by a registered professional engineer licensed by the State of Florida specifying the design structural failure modes of the proposed facility.
- 6) Statement certifying that no unusual sound emissions such as alarms, bells, buzzers, or the like are permitted. Emergency Generators are permitted. Sound levels shall not exceed seventy decibels (70 db).
- 7) One (1) original and two (2) copies of a survey of the property completed by a registered professional engineer, licensed in the State of Florida showing all existing uses, structures, and improvements.
- 8) Six (6) sets (24"×36") of signed and sealed site plans shall include the following:
 - a. Name of project and date
 - b. Deed Book, and Page and Map Book and Page Reference
 - c. Scale, north arrow, and vicinity map
 - d. Subject property information including zoning, watershed classification, percent coverage of lot to be impervious surface (if located in a designated watershed area)
 - e. Adjacent property information including land owners, land uses, height of principal building, size of lots, and existing zoning and land use
 - f. Landscape buffering plans
 - g. Maximum height of the proposed tower and/or antenna, including individual measurements of the base, tower, and lightning rod
 - h. One (1) parking space is required for each tower development area. The space shall be provided within the leased area, or equipment compound, or the development area as defined on the site plan.
 - i. Location, classification, and size of all major public or private streets and rights-of-way
 - j. Identify adjacent features within 500 feet of property boundary including driveways, public parking areas, pedestrian ways, trails, and any other pertinent features
 - k. Two (2) reduced copies (8½"×11"), of the foregoing preliminary grading plans may be included on site plans or separately submitted in equal quantities. The site plans shall
 - l. Structure elevations
 - m. Title report or American Land Title Association (A.L.T.A.) survey showing all easements on the subject property, together with a full legal description of the property.

- n. List of property owners within 1,000 feet in residential zoning districts and 500 feet in all other zoning districts and keyed to the map. The list must be from the most current ownership information supplied by the Brevard County Property Appraiser's Office, together with two (2) sets of mailing labels for such property owners. Applicant will also provide a notarized Certification Letter stating the ownership list referenced herein is accurate to the best of the applicant's ability.
- o. A pre-application conference will be required for any new broadcast facility.
- p. Prior to issuance of a building permit, proof of FAA compliance with Subpart C of the Federal Aviation Regulations, Part 77, and "Objects Affecting Navigable Airspace," if applicable.

SECTION 41. Sec. 62-1953. Towers and antenna. Code of Ordinances of Brevard County, Florida, is hereby deleted in its entirety.

~~(a) Exemptions:~~

- ~~(1) This section shall not apply to antennas or antenna support structures owned by amateur radio service operators licensed by the Federal Communications Commission (FCC). However, such antennas or antenna support structures shall continue to be subject to accessory structure setbacks (excluding guy wires) as required under section 62-2100.5(1)(e).~~
- ~~(2) Towers and antennas owned and/or operated by the county for public service and public safety purposes shall be exempt from the placement, construction and modification requirements set forth in this section.~~
- ~~(3) Towers and antennas under 35 feet in height measured from the average elevation of the finished development grade of the building site are permitted in every zoning classification in the unincorporated areas of the county, provided such towers and antennas continue to be subject to accessory structure setbacks as noted in subsection (a)(1), above. Commercial towers and antennas permitted pursuant to this exemption may be utilized for single use applications notwithstanding subsection (g)(6) below.~~

~~(b) Definitions:~~

~~Collocation means the placement of more than one communication antenna by more than one provider on a single existing or new tower or other supporting structure.~~

~~Substantial increase in size means the proposed antenna collocation, tower reconstruction or tower replacement (1) would increase the height of the existing structure or tower by more than ten percent, or by the height of one additional antenna array with separation from the nearest existing antenna not to exceed 25 feet, whichever is greater; (2) would involve the installation of more than the standard number of new equipment cabinets for the technology involved, not to exceed four, or more than one new equipment shelter; (3) would involve adding an appurtenance to the existing structure or tower that would protrude from the edge more than 25 feet, or more than the width of the structure at the level of appurtenance, whichever is greater; or (4) would involve excavation outside the current site, defined as the current boundaries of the leased or owned property surrounding the existing structure and any access or utility easement currently related to the site.~~

~~(c) Addition of antennas to existing structures and towers:~~

- ~~(1) A conditional use permit (CUP) shall not be required to locate antennas on or within existing or permitted structures and towers over 35 feet in height, regardless of the zoning classification, provided that the new single use antenna or collocation does not involve a substantial increase in size of the~~

~~existing structure or tower. An application for collocation on an existing or permitted structure or tower which does not involve a substantial increase in size shall be subject to no more than a building permit review. In those cases where a substantial increase in size is necessitated by the proposed collocation and would result in a tower that would require a conditional use permit if being reviewed for the first time, the applicant shall submit a conditional use permit application to the county as contemplated by section 62-1953(i) herein below, and the tower shall be subject to setback criteria as if being permitted for the first time.~~

- ~~(2) The antenna elements must be painted to match the structure upon which they will be placed.~~
 - ~~(3) Where an existing tower is nonconforming, the location of additional antenna elements on an existing tower pursuant to this subsection shall not be considered an expansion of a nonconforming use.~~
 - ~~(4) Existing commercial towers may be reconstructed, or removed and rebuilt, if the reconstruction is for the purpose of adding additional antennas which would otherwise require construction of a new tower. Provided that the reconstructed or replacement tower does not involve a substantial increase in size, such modification or replacement shall be subject to no more than a building permit review. However, if the existing tower was permitted without a conditional use permit, and the tower is reconstructed or rebuilt such that a conditional use permit would be required if the tower were being reviewed for the first time, then a conditional use permit shall be required for the reconstructed tower or replacement tower. In those cases where a substantial increase in size is requested, the applicant shall submit a conditional use permit application to the county as contemplated by section 62-1953(i) herein below, and the application shall be subject to setback criteria as if being permitted for the first time. Replacement towers shall be of the same type as the existing tower or improved aesthetically as follows. For the purpose of this section, a lattice tower is more aesthetic than a guyed tower, a monopole tower is more aesthetic than a lattice tower, and a stealth tower is more aesthetic than a monopole tower. Reconstructed or replacement towers which require a new conditional use permit shall be subject to setback criteria as if being permitted for the first time. If a conditional use permit is already in place for the existing tower, and if the reconstructed or replacement tower does not result in a substantial increase in size, the reconstructed or replacement tower shall meet the following criteria:
 - ~~a. Replacement towers shall be set back from the nearest property line a distance equal to or greater than the existing tower's setback distance to the nearest property line; and~~
 - ~~b. Replacement towers shall be set back from the nearest residentially zoned property a distance equal to or greater than the existing tower's setback distance to the nearest residentially zoned property.~~
 - ~~c. Replacement towers shall be designed/engineered to fall within the confines of the subject property should the proposed setback be less than the total tower height.~~~~
- ~~(d) In the PBP, PIP, IU and IU-1 zoning classifications, towers and antennas up to 200 feet in height may be permitted without a conditional use permit under the following circumstances:~~
- ~~(1) Towers and antennas which exceed 35 feet in height shall be located on the site at a distance equal to or in excess of five times the height of the tower or antenna, (from the base of the tower or antenna) from existing off-site single-family residential homes or property zoned primarily for single-family residential use (including AU). Any tower shall be set back a minimum of 200 feet from all property lines.~~
 - ~~(2) Such towers shall use construction techniques that do not require guy wires (e.g., lattice or monopole structures).~~

- ~~(e) In the PA and AGR zoning classifications, towers and antennas may be permitted without a conditional use permit under the following circumstances:~~
- ~~(1) Such towers and antennas are subject to the requirements of subsection (d) above.~~
 - ~~(2) Towers exceeding 200 feet must be spaced at least 3,500 feet from the nearest off-site tower.~~
 - ~~(3) Any existing vegetation six feet in height or above along a 50-foot perimeter around the entire parcel upon which the tower is to be erected must be preserved until the property is developed and county land clearing and landscaping requirements are met.~~
- ~~(f) Noncommercial towers and antennas over 35 feet in height are permitted as a conditional use in any residential zoning classification on lots of one acre or more, provided they are set back from all property lines equal to the height of the tower. Such towers shall not exceed 100 feet. Noncommercial towers and antennas within residential areas may not use the collocation provision described above to increase the overall height of a Board approved tower and antenna above 100 feet; rather they shall be reviewed as a commercial tower. The applicant must demonstrate consistency with (1) the general criteria set forth in section 62-1901(e); and (2) the requirements listed in subsections (d) and (e) above.~~
- ~~(g) Provisions applicable to all commercial towers and wireless communication facilities required to apply for a conditional use permit.~~
- ~~(1) Towers and wireless communication facilities which have not had active antennas for a period of six consecutive months shall be considered abandoned and shall be removed by the owner of the tower at their own expense. Subject to subsection (ek), if a tower is not removed within 60 days after notice, the county shall have the right to remove such tower and wireless communication facilities and impose a lien for the cost of removal on the site which was the subject of the application. This provision is deemed a condition to the issuance of any permit and applicant seeking a permit waives and releases any claim for damages as a result of the county's invocation of the removal condition.~~
 - ~~(2) Every five years, the owner of any tower and wireless communication facilities approved under this section shall submit to the county building official a sealed statement from a certified civil engineer that the structure is sound. The certification shall be due by the end of the month upon each anniversary of the issuance of the building permit. If the report is not provided within 14 days after receipt of written notice by the CUP holder and property owner, towers which have not been certified shall be considered dilapidated and shall be removed by the property owner. Subject to subsection (ek); if the property owner fails to remove the tower within 30 days after receiving notice to effect removal, the county shall have the right to remove such tower and impose a lien on the site which was the subject of the application.~~
 - ~~(3) Equipment buildings and pads shall be fenced and shall be landscaped and maintained with opaque landscape buffer. Security lighting for on-ground facilities and equipment shall be down-shielded to keep light within the boundaries of the site and minimize its potential attraction for birds.~~
 - ~~(4) In the GU and agricultural zoning classifications, equipment buildings shall be unmanned and not exceed 600 square feet.~~
 - ~~(5) Applicants seeking to erect new or towers that require a conditional use permit shall demonstrate to the reasonable satisfaction of the county that no existing or approved tower or structure, irrespective of municipal and county jurisdictional boundaries, can accommodate the applicant's proposed antenna. Notwithstanding any other provision in the zoning ordinance relating to the contrary, applications for towers shall be considered two times each year. Complete applications for the first bi-annual review must be submitted between January 1 and January 15 in any year. Complete applications for the~~

~~second bi-annual review must be submitted between July 1 and July 15 in any year. After receipt of a complete application during the applicable bi-annual review period, the county shall review and take action upon completed tower applications in a timely manner consistent with the most restrictive of the time limitations on review and approval specified in either F.S. § 365.172(12), as amended or federal law. The county reserves the right to hire, at a reasonable fee to the applicant, an independent expert witness to evaluate any evidence submitted by applicants pursuant to this section. Evidence submitted to demonstrate that no existing or approved tower or structure can accommodate the applicants proposed antenna may consist of any of the following:~~

- ~~a. No existing or approved towers or structures are located within the required geographic area meet the applicant's engineering requirements.~~
- ~~b. Existing or approved towers or structures are not of sufficient height to meet applicant's engineering requirements.~~
- ~~c. Existing or approved towers or structures do not have sufficient structural strength to support applicant's proposed antenna and related equipment.~~
- ~~d. The applicant's proposed antenna would cause electromagnetic interference with the antenna on the existing or approved towers or structures, or the antenna on the existing or approved towers or structures would cause interference with the applicant's proposed antenna.~~
- ~~e. The fee, costs, or contractual provisions required by the owner in order to share an existing or approved tower or structure or to adapt an existing or approved tower or structure for sharing are unreasonable. Costs exceeding new tower development are presumed to be unreasonable.~~
- ~~f. The applicant demonstrates that there are other limiting factors that render existing and/or approved towers and structures unsuitable, as documented by a qualified and licensed professional electrical engineer, as applicable.~~

~~(6) Excluding AM array, all commercial towers, including those granted as a conditional use permit, must be constructed to permit collocation by other providers. New communication towers shall be designed and constructed, both structurally and electrically, to (a) provide sufficient excess capacity over the initial loading; and (b) permit at least two other comparable communication providers to use the approved tower where feasible and subject to reasonable terms. The term "where feasible," as it applies to collocation, means that utilization of a tower by another party would, at the time of such utilization, comply with sound engineering principles, would not materially degrade or impair the communication tower's utilization by existing users, would not unduly burden the tower structurally, and would not otherwise materially and adversely impact existing users. Reasonable terms for use of a communication tower that may be imposed by the owner include a requirement for reasonable rent or fees, taking into consideration the capitalized cost of the communication tower and land, the incremental cost of designing and constructing the tower so as to accommodate additional users, increases in maintenance expenses relating to the tower and a fair return on investment, provided such amount is also consistent with rates paid by other providers at comparable tower sites.~~

~~(7) For purposes of this section, an AM array, consisting of one or more tower units and supporting ground system which functions as one AM broadcasting antenna, shall be considered one communication tower. Measurements for setbacks and separation distances shall be measured from the outer perimeter of the towers included in the AM array. Additional tower units may be added within the perimeter of the AM array by right.~~

~~(8) Tower and antenna lighting.~~

- a. ~~Towers exceeding 200 feet in height must use the minimum number of warning and obstruction lights having the minimum intensity and number of flashes per minute permitted by the Federal Aviation Administration (FAA).~~
- b. ~~As provided for in section 210-1, where lighting is required by Brevard County Mosquito Control on towers and antennas equal to or less than 200 feet in height, the frequency of high intensity lighting shall not exceed 20 flashes per minute.~~
- c. ~~All lights on towers and antennas of any height shall be up-shielded.~~
- d. ~~Where permitted, guyed towers shall use daytime visual markers (e.g., bird diverter devices) on the guy wires to reduce collisions by migratory birds.~~
- (h) ~~A waiver to one or more of the conditions enumerated in subsection (d) or (e) above may be considered by the board of county commissioners through a conditional use permit (CUP) application, provided the general section 62-1901(e) CUP standards are met. The applicant must also demonstrate technical necessity for the location of the tower, that there are special existing or proposed circumstances pertaining to the structures or properties involved, and that the proposed setback and distance separation will satisfy safety and aesthetic concerns which the conditions in subsections (d) and (e) are intended to address. The applicant shall prepare an exhibit which will demonstrate to the board the visual impact of the proposed tower.~~
- (i) ~~Excluding those towers in a GML zoning classification, any tower in excess of 200 feet or any other tower not permitted without a conditional use permit shall require a conditional use permit. The applicant must demonstrate consistency with (1) the general criteria set forth in section 62-1901(e); and (2) the requirements listed in subsections (d) and (e) above.~~
- (j) ~~The conditional use permit or building permit for a tower shall expire if a site plan for the tower (if required) is not submitted within one year of approval or if construction does not commence within three years of approval.~~
- (k) ~~Prior to effecting the removal of any tower, the county shall provide notice and an opportunity to be heard to both the landowner and the CUP holder who shall show cause why the tower should not be removed in accordance with the provisions and requirements of the ordinance. A notice describing the reason for removal and the date of a hearing before the county commission shall be served by certified mail, fax, actual delivery, or U.S. mail (if otherwise undeliverable) at least 21 days prior to the hearing. The time for effecting removal shall be tolled pending a final determination by the board or, if an action is filed, by a court with jurisdiction.~~
- (l) ~~Third party (i.e., private sector tower company) tower construction projects on federal or state lands are subject to the provisions of this section, unless the third party is acting on behalf of the federal or state government. A tower constructed by a third party on behalf of the federal or state government does not require local permits; however, a tower constructed on federal or state property for a private sector endeavor shall comply with all local regulations.~~

SECTION 42. Section 62-1953. Wireless telecommunication facilities and broadcast towers. is created as follows:

Sec. 62-1953. Wireless telecommunication facilities and broadcast towers.

Wireless telecommunication facilities and broadcast towers may be permitted as a conditional use subject to the applicable requirements of Communications Facilities Ordinance, Section 62-1901(c) and this section.

- 1) In addition to the general review criteria in Section 62-1901(c), the Board shall consider the following:

- a. The aesthetic effects of the proposed tower on surrounding areas as well as mitigating factors concerning aesthetics.
- b. The Board may disapprove an application on the grounds that the proposed tower's aesthetic effects are incompatible, or may condition approval on changes in tower height, design, style, buffers, or other features of the wireless communications facility or its surrounding area. Such changes in non-broadcast installations need not result in performance identical to that of the original application.
- c. Factors relevant to aesthetic effects include: the protection of the view in sensitive or scenic areas and areas specially designated in adopted plans such as unique natural features, scenic roadways and historic sites; the concentration of towers in the proposed area; and whether the height, design, placement or other characteristics of the proposed tower could be modified to have a less intrusive visual impact.
- d. If Board determines that the proposed additional service of non-broadcast facilities, coverage, or capacity to be achieved by the location of the proposed facility can be achieved by use of one or more alternative existing wireless communications facilities addressed in this section, which better serve the stated goals set forth in section 62-2402, it may deny the proposed antenna support facility application.

2) A waiver to the maximum tower heights for wireless telecommunications facilities established in Section 62-2422 (2) may be considered. The applicant must demonstrate the technical necessity for the proposed tower height in excess of the maximum designation and provide written certification from a radio frequency (RF) engineer licensed in the State of Florida stating that the maximum height recommendation will not meet the proposed service provider's coverage or capacity needs and that the proposed height is the minimum necessary to satisfy those needs.

3) A conditional use permit or building permit for a wireless communication facility or broadcast tower shall expire if a site plan for the tower (if required) is not submitted within one year of approval or if construction does not commence within three years of approval.

4) Prior to effecting the removal of any tower, the county shall provide notice and an opportunity to be heard to both the landowner and the CUP holder who shall show cause why the tower should not be removed in accordance with the provisions and requirements of the ordinance. A notice describing the reason for removal and the date of a hearing before the county commission shall be served by certified mail, fax, actual delivery, or U.S. mail (if otherwise undeliverable) at least 21 days prior to the hearing. The time for effecting removal shall be tolled pending a final determination by the Board or, if an action is filed, by a court with jurisdiction.

SECTION 44. Conflicting Provisions. In the case of a direct conflict between any provision of this ordinance and a portion or provision of any other appropriate federal, state or county law, rule, code or regulation, the more restrictive shall apply.

SECTION 45. Severability. If any provision of this ordinance or the application thereof to any person or circumstance is held invalid, the invalidity shall not affect other provisions or applications of the ordinance which can be given effect without the invalid provision or application, and to this end the provisions of this ordinance are declared severable.

SECTION 46. Area Encompassed. This ordinance shall take effect only in the unincorporated area of Brevard County, Florida.

IV A.

SECTION 47. Effective Date. A certified copy of this ordinance shall be filed with the Office of the Secretary of State, State of Florida within ten (10) days of enactment. This ordinance shall take effect upon adoption and filing as required by law.

SECTION 48. Inclusion in code. It is the intention of the Board of County Commissioners that the provisions of this ordinance shall become and be made a part of the Code of Ordinances of Brevard County, Florida; and that the sections of this ordinance may be renumbered or re-lettered and that the word "ordinance" may be changed to "section," "article," or such other appropriate word or phrase in order to accomplish such intentions.

DONE, ORDERED AND ADOPTED, in regular session, this 2nd day of October, 2014.

Attest:

BOARD OF COUNTY COMMISSIONERS
OF BREVARD COUNTY, FLORIDA

DRAFT

Scott Ellis, Clerk

Mary Bolin Lewis, Chairman
(as approved by the Board on October 2, 2014)

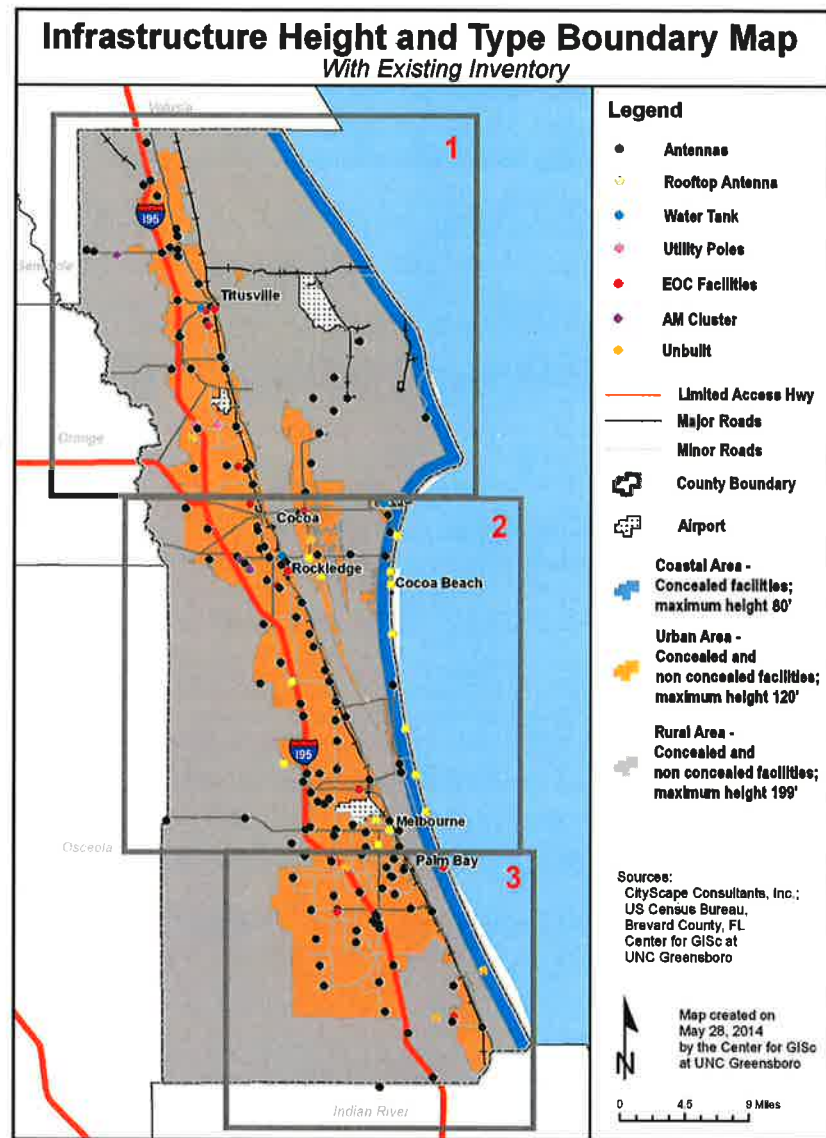
Reviewed for legal form and content by: _____

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

WIRELESS TELECOMMUNICATIONS MASTER PLAN

EXECUTIVE SUMMARY

AUGUST 7, 2014



Prepared by:

CityScape Consultants, Inc.

7050 W. Palmetto Park Rd #15-652

Boca Raton, Florida 33433

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

Preface

Purpose

The Wireless Telecommunications Master Plan (Master Plan) serves as a general planning tool for Brevard County. The master plan is intended to balance the goals of providing good wireless network services throughout the County while minimizing the visual impacts of the telecommunications infrastructure. This master plan provides a short history on wireless telecommunications technology; an overview on network deployment practices; an inventory of existing wireless infrastructure throughout Brevard County; theoretical propagation mapping; a ten-year projection of potential future network deployment patterns; and recommendations for meeting future network deployment objectives.

The master plan serves as an illustrative planning tool and guide for developing planning policies for future wireless communications infrastructure and identifies county owned properties that can be part of network deployment solutions for service providers. This analysis then helps to establish a policy framework and suggestions for minimizing the future number of telecommunication facilities and suggestions for design standards to guide decision regarding the siting of telecommunication facilities.

Background

Brevard County is concerned about the proliferation of telecommunications tower build-outs from the standpoint of aesthetics, public safety and fair deployment practices, and the legal implications of upholding both the public and private interest involved. The County desires to manage wireless network expansions in a controlled process that promotes expeditious reviews and infrastructure installations without compromising site development standards especially in residential and scenic coastal areas. For this reason the County hired CityScape Consultants Inc. (CityScape) in to develop this master plan. Effective master planning will minimize tower proliferation by increasing collocation opportunities and maximizing the use of County-owned lands located in geographically identified areas where new wireless infrastructure is anticipated based on network coverage and capacity objectives as shown through propagation mapping.

CityScape works only for public agencies to address these identified concerns. CityScape specializes in developing land use strategies to control the proliferation of wireless infrastructure, affording the maximum control of local governments, while maintaining compliance with Florida Statutes, the Telecommunications Act of 1996 and all subsequent Federal and Congressional rulings and Acts.

The Master Plan Scope of Services includes the following five tasks:

- Task A: Preliminary research and data assessments.
- Task B: Background research and kickoff meeting to include theoretical RMS mapping.

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

- Task C: Propagation mapping based on participant responses at kick-off meeting.
- Task D: Design and development of Master Plan and Ordinance review and amendment recommendations.
- Task E: Project completion and submittal of the final Master Plan.

Wireless industry stakeholders

Prior to the granting of the cellular licenses in 1980 for the first phase of deployment, the United States was divided into 51 regions by Rand McNally and Company. These regions are described as Metropolitan Trading Areas (MTA). The spectrum auction conducted by the Federal Government for the 1900 MHz bands for 2G (PCS), further divided the United States into 493 geographic areas called Basic Trading Areas (BTA). Brevard County is located in the "Tampa - St. Petersburg - Orlando" MTA (a.k.a. MTA 3) and the "Melbourne-Titusville, FL" BTA (a.k.a. BTA 289).

The following service providers have purchased licenses to offer more advanced services in the 700 MHz frequencies: AT&T; BPC Spectrum; Echostar; and Verizon Wireless. Personal Communications Services (PCS) licensees and service providers for wireless phone and broadband operating in the 1700 and 1900 MHz bands include: AT&T Wireless; Sprint; T-Mobile; and Verizon Wireless. AT&T, Clearwire and Sprint are operating in the 2400-2600 operating frequencies.

The recent transition to digital broadcasting (DTV) from the 700 MHz frequency has enabled the FCC to reassign the 700 MHz band for public safety radio communications and licensed wireless service providers. Public safety entities include police, fire, ambulance, rescue, and other emergency responders will use the spectrum to improve public safety networks. Licensed service providers and local and regional providers of wireless voice and/or data services will use 700 MHz to improve in-building network coverage.

Per Section 704 of the Telecommunications Act of 1996, all service providers will require uninterrupted and continuous handoff service throughout Brevard County. Combined there are seven known service providers that will each want to compete for the subscriber base in and around the County. Each of these wireless voice and data providers will need towers and/or above ground antenna mounting locations to improve network coverage and capacity equating to an ongoing need to deploy more infrastructure, especially in areas of greater residential density.

Most network service providers do not own the antenna mounting structure on which they attach their equipment. Tower owner companies typically construct the monopole, lattice or guy tower and market that tower for lease space to the service providers. Or a service provider may contract with a tower owner to get approval to construct a tower in a particular location and once the facility is constructed the service provider will lease space on the newly constructed tower. In

***Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan***

Brevard County there are four primary tower companies who own and lease their vertical real estate to the service providers and they are: American Tower Corporation, Crown Castle International, SBA and Global Tower Partners.

Existing antenna locations

Mapping the existing antenna sites creates a base map from which observations and analysis are derived relative to current and future deployment patterns. The County provided existing facility locations to CityScape and other locations were attained from tower owners and the Federal Communications Commission database. Multiple facilities were found through various antenna locator search engines or found in the field during the site assessment process. Once these sites were mapped CityScape assessed each of the existing antenna locations throughout the County to identify the following: 1) the location of existing telecommunications facilities currently within the County; and 2) the availability of future potential collocations on the existing structures.

The assessment is achieved through actual site visits to each of the base station locations. The study area includes all unincorporated and incorporated lands. The wireless infrastructure assessment identifies 188 existing wireless telecommunication facilities within the County. Table 1 provides a summary of the total number of types of antenna mounting structures found throughout the County as of November 24, 2013. Table 2 identifies the ownership of the infrastructure and Table 3 summarizes the height of the infrastructure.

TYPE OF INFRASTRUCTURE	TOTAL NUMBER IN COUNTY (188)
Lattice Tower	61
Monopole Tower	54
Guy Tower	46
Rooftop Attachment	17
Approved But Not Constructed	5
Water Tank Attachment	3
Utility Pole Attachment	2
Faux Tree Pole	1

Table 1: Antenna /tower infrastructure summary

***Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan***

INFRASTRUCTURE OWNER	TOTAL OWNED IN BRE- VARD COUNTY (188)
Crown Castle International	36
American Tower Corporation	23
Others (companies with ownership of a few towers, independent tower owners, and local businesses)	18
Broadcast Companies	15
Brevard County	14
SBA	14
Other Government Agencies (sheriff, local jurisdictions, FL DOT)	11
AT&T	12
Verizon Wireless	7
T-Mobile	5
Global Tower Partners	5
Public Utility	5
Education Agencies	3
Unknown (majority outside Brevard County's zoning jurisdiction)	20

Table 2: Tower infrastructure ownership summary

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

TOWER HEIGHT	TOTAL NUMBER (188)
< 100'	2
110' - 149'	13
150' - 199'	52
200' - 250'	26
260' - 300'	25
305' - 400'	12
403' - 501'	8
Unknown height	50

Table 3: Tower infrastructure height summary

Generally, most of the wireless infrastructure is located within and around the more urban areas of the county particularly east of the I-95 corridor and parallel to and west of the Highway 1 corridor. Geographic areas of Titusville, Cocoa and Melbourne have larger concentrations of infrastructure because of the larger subscriber base in those areas. The coastal area between Cocoa beach and Palm Bay has the greatest use of antenna rooftop attachments as compared to other areas of the County likely because of view shed and aesthetic concerns for antenna attachments onto towers.

Figures 1 - 4 identify the location of the antennas through the County. Antennas mounted on towers are symbolized with a black dot. Antennas mounted on rooftops are identified by a yellow dot. Blue dots indicate the antenna is mounted on a water tank and pink dots indicate antenna on utility poles. Red dots symbolize County owned facilities and purple dots identify AM broadcast facilities. With AM radio sites each antenna looks like a tower and most AM broadcast facilities have clusters of antennas and each site. CityScape does not assign a site number to each AM antenna; rather the antenna cluster is treated as one location.

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

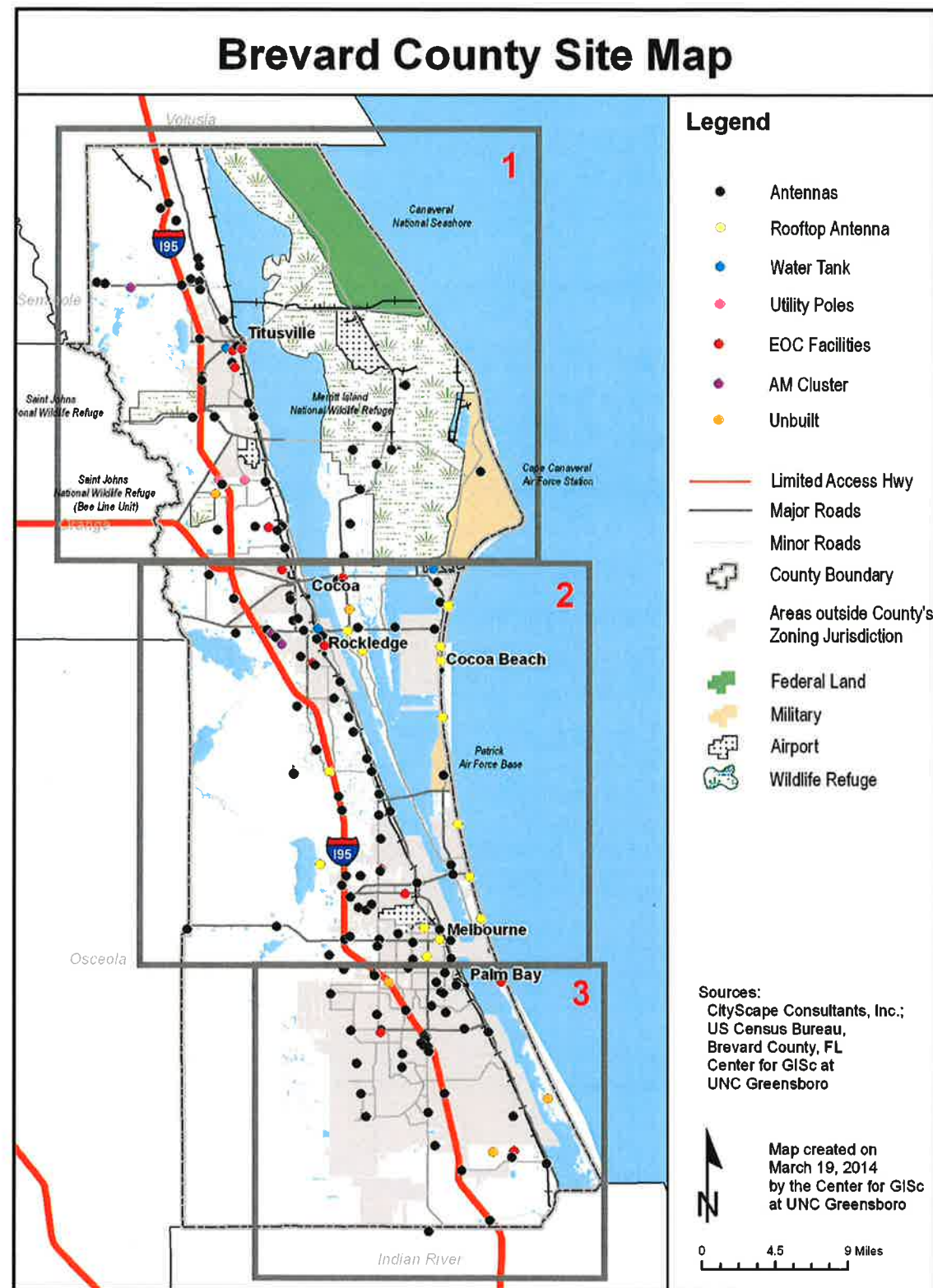


Figure 1: Existing antenna locations overall map

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

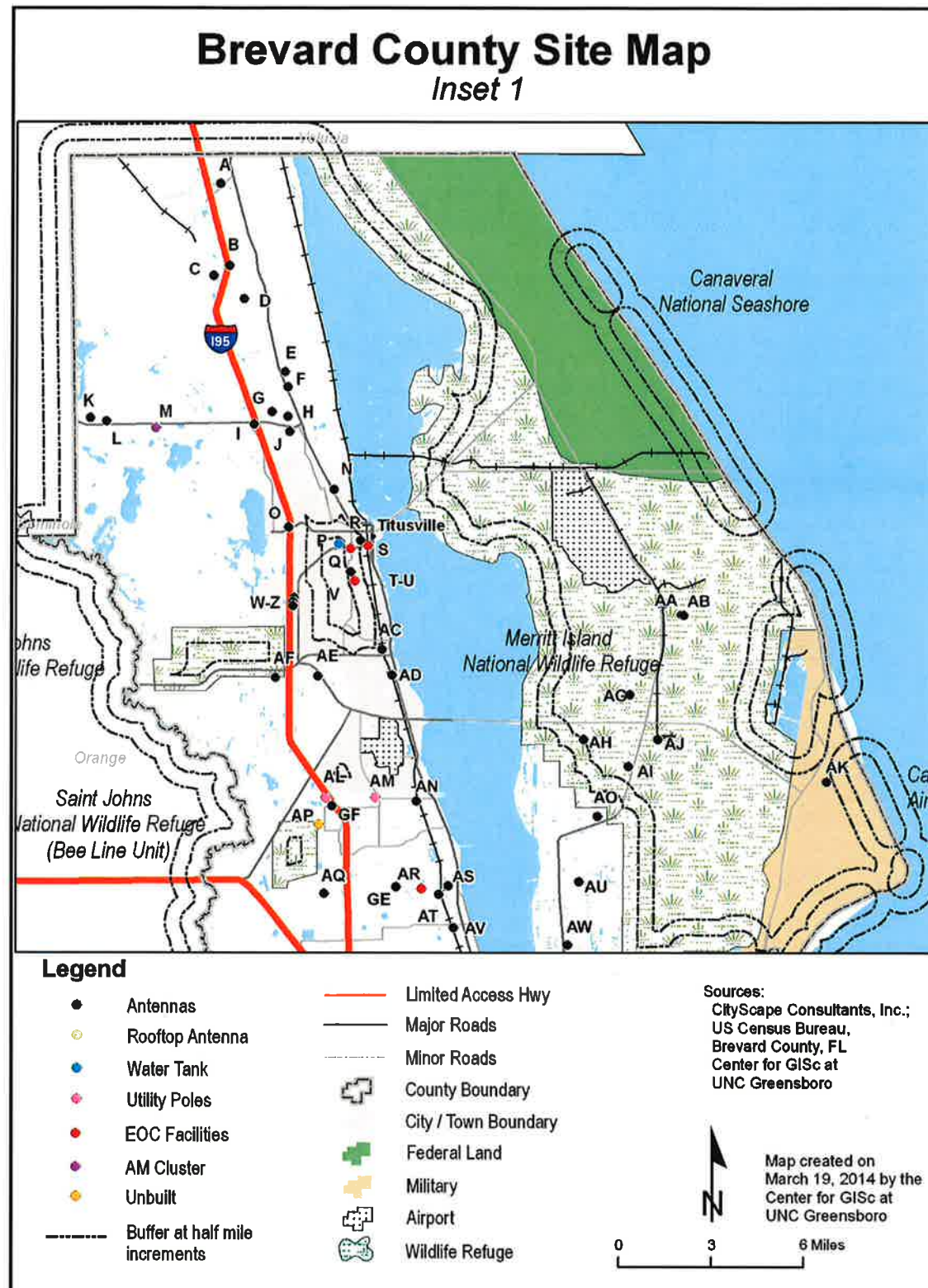


Figure 2: Existing antenna locations Inset Map 1

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

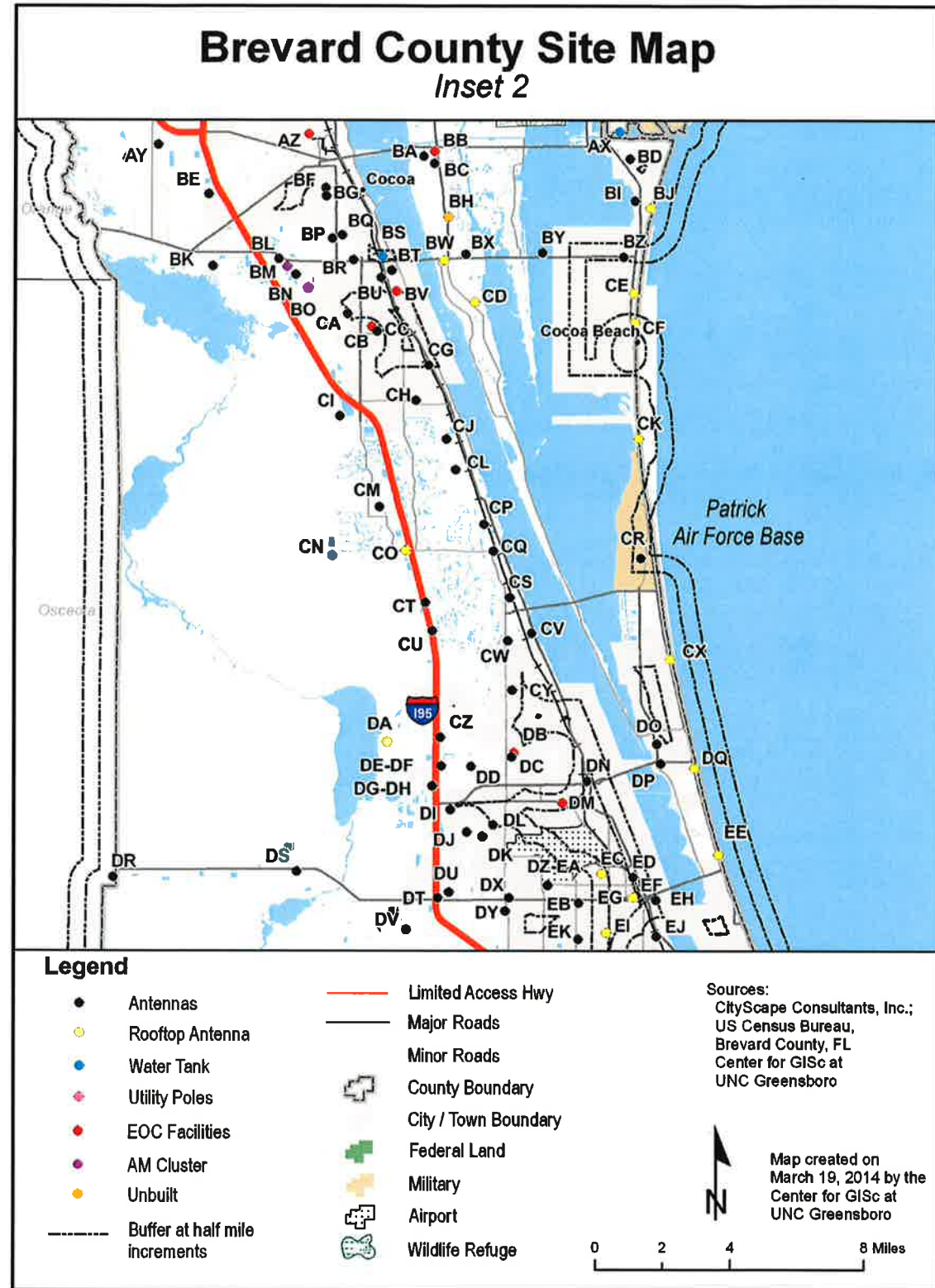


Figure 3: Existing antenna locations Inset Map 2

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

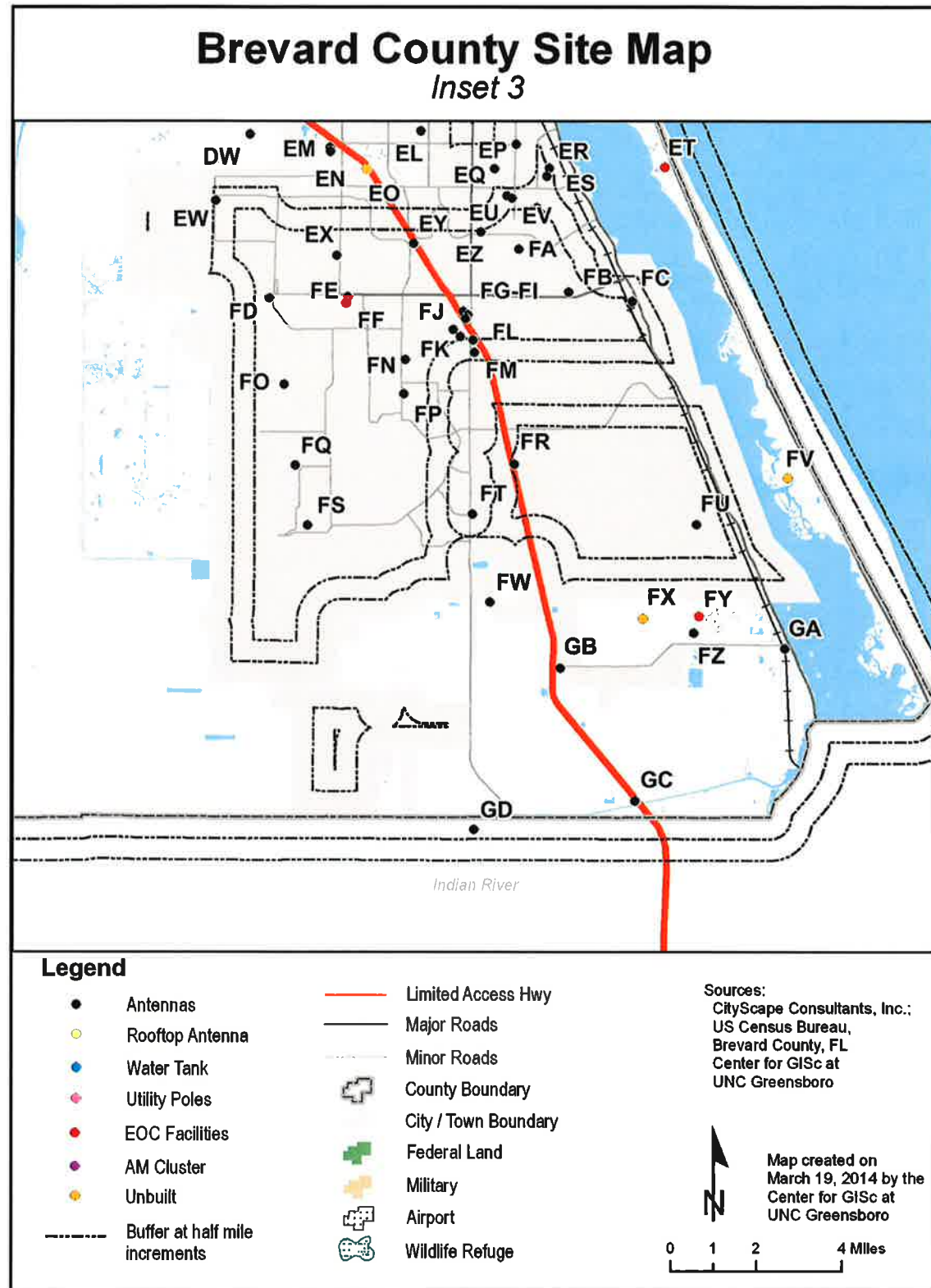


Figure 4: Existing antenna locations Inset Map 3

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

Network coverage

The primary objective of the first phase of network development is to create coverage over a large service area. When network coverage is achieved wireless service providers begin to monitor the number of calls. Once the number of simultaneous calls reaches a predetermined maximum number, and the facility cannot support the subscriber base, the wireless network exceeds the capacity design of the system. Exceeding network capacity equates to overloading the network which results in lost service, dropped calls, rapid busy signals, and the inability to make calls.

Population location and density are important variables in wireless network design. CityScape realizes that growth rates vary between local community estimates and the US Census; but for the purposes of this plan, CityScape uses the US Census data. According to the United States Census Bureau, Block Group Data, the majority of Brevard County has population densities of less than 1,000 people per square mile. The highest population densities are east of the I-95 corridor and parallel to the Highway 1 corridor where population densities increase to 1,000 - 3,000 people per square mile. A few census blocks in the vicinity of the City of Melbourne have up to 4,000 people per square mile. And a few smaller areas north of Cocoa Beach and between Cocoa Beach and Palm Bay average over 4,000 persons per square mile. Figure 5 illustrates the US Census Bureau's 2010 population densities by block group for Brevard County.

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

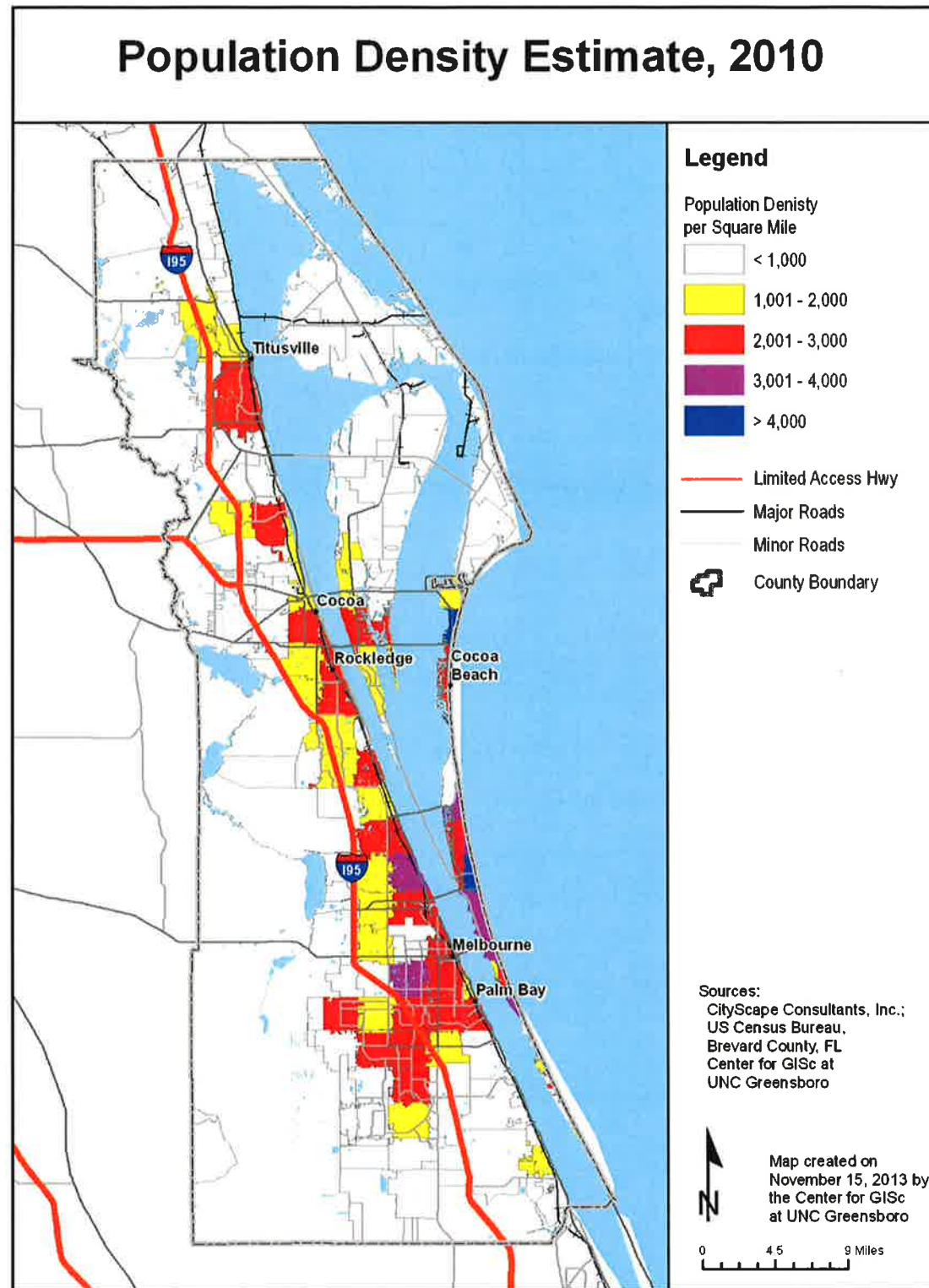


Figure 5: Brevard population density by census block

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

Future antenna site projections through 2024

The newer and advancing technologies are changing how the wireless industry is electronically providing their services. Newer technologies known as 3G or 4G Long Term Evolution (LTE) or high speed broadband, requires more information to be sent and received within the same radio envelope than was used in the previous deployment stages of personal wireless services. The more data contained within the RF envelope makes it more important than ever to have as much signal density as possible. Increasing signal density requires more wireless facilities. Proximity of the infrastructure to the subscribers is becoming ever more relative to optimizing network services.

According to the United States Census Quick Facts the 2012 population estimate for Brevard County was 547,307. This is a 0.7 percent increase from the 2010 census. The Bureau of Economic and Business Research provides three possible population projections for Brevard County over the next decade. A low estimate show an increase to 542,900; a medium projection provided is 616,900; and a high projection indicates a possible population increase to 691,000. This higher projection represents an approximate 27 percent increase over the 2010 Census. For purposes of the master plan CityScape is using the medium population increase projection to approximately 616,900 over the next 10-years.

As a result of the present growth models and the current wireless market penetration rate, and the rate of wireless network evolution from 3G to 5G, Cityscape's prediction for future antenna deployment is based on network growth from the existing antenna locations. Currently there are 188 antenna locations throughout the County. Each year in the future the number of new collocations, antenna attachments, and tower facilities will vary. Subscriber demand on the network will control future deployments.

To effectively and efficiently provide network coverage throughout the County over the next ten years CityScape anticipates it will require between 350-400 antenna locations to provide a comprehensive network to fill in the service coverage and capacity gaps. Yearly increases cannot be anticipated to increase evenly as customer demand on the network will control future deployments. As a rule of thumb County-wide this would average to approximately 8-12 new tower sites and/or 20-25 collocations and/or antenna attachments (of any combination) per year over the next ten years. This estimation is based on the mathematics of the population density; subscriber base and usage; transient movement through the County and how many calls a base station can simultaneously serve at any given time.

Location of future antenna sites

During the November 18, 2013 workshop it was presented and discussed that different infrastructure types and heights be considered and encouraged in various geographic regions within the County. Specifically the option of shorter and more concealment type facilities along the

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

coastline; medium tower heights and a mix of concealed and non concealed facilities in the urban area; and taller and mostly non concealed type facilities in the rural areas. CityScape researched this scenario and has determined these geographic features can serve as boundaries for various tower types and heights of future wireless infrastructure. Minimal topography, linear north-south interstate and highway corridors and population development patterns parallel the shoreline and transportation corridors make these delineations possible.

In an effort to minimize the visual impact throughout the county while still maximizing the new infrastructure CityScape recommends the following infrastructure and maximum heights for the three geographic regions as follows:

Coastal Area:

- A distance equal to 1 mile from the ocean
- Maximum tower height of 80'
- Concealed infrastructure only

Urban Area:

- Beginning where the coastal boundary ends and extending to or just beyond the western I-95 corridor based on existing land use patterns
- Maximum tower height of 120'
- Primarily concealed and monopole type towers based on existing land uses.

Rural Area:

- Generally the areas west of the I-95 corridor
- Maximum tower height of 199'
- Generally all tower types permitted with guy towers being the least favored type of infrastructure.

Figure 6 illustrates the coastal, urban and rural areas.

Estimation of future antenna sites

CityScape estimates by census block the number of sites that may be needed for planning purposes. The estimations are based on the mathematics of the population density; subscriber base and usage; daily transient movement throughout the County and how many calls a base station will simultaneously serve at any given time. The projections by census block include coverage, capacity, and broadband network objectives and includes the terrain, population and proposed maximum infrastructure height variables. The projection model that CityScape has designed also factors in existing antenna support structure locations (towers, rooftops, tanks and utility poles) for maximum collocation opportunities in an effort to reduce the number of new multiple towers within the same geographic areas. The census tracts where these new wireless facilities are projected are shown in Figure 7.

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

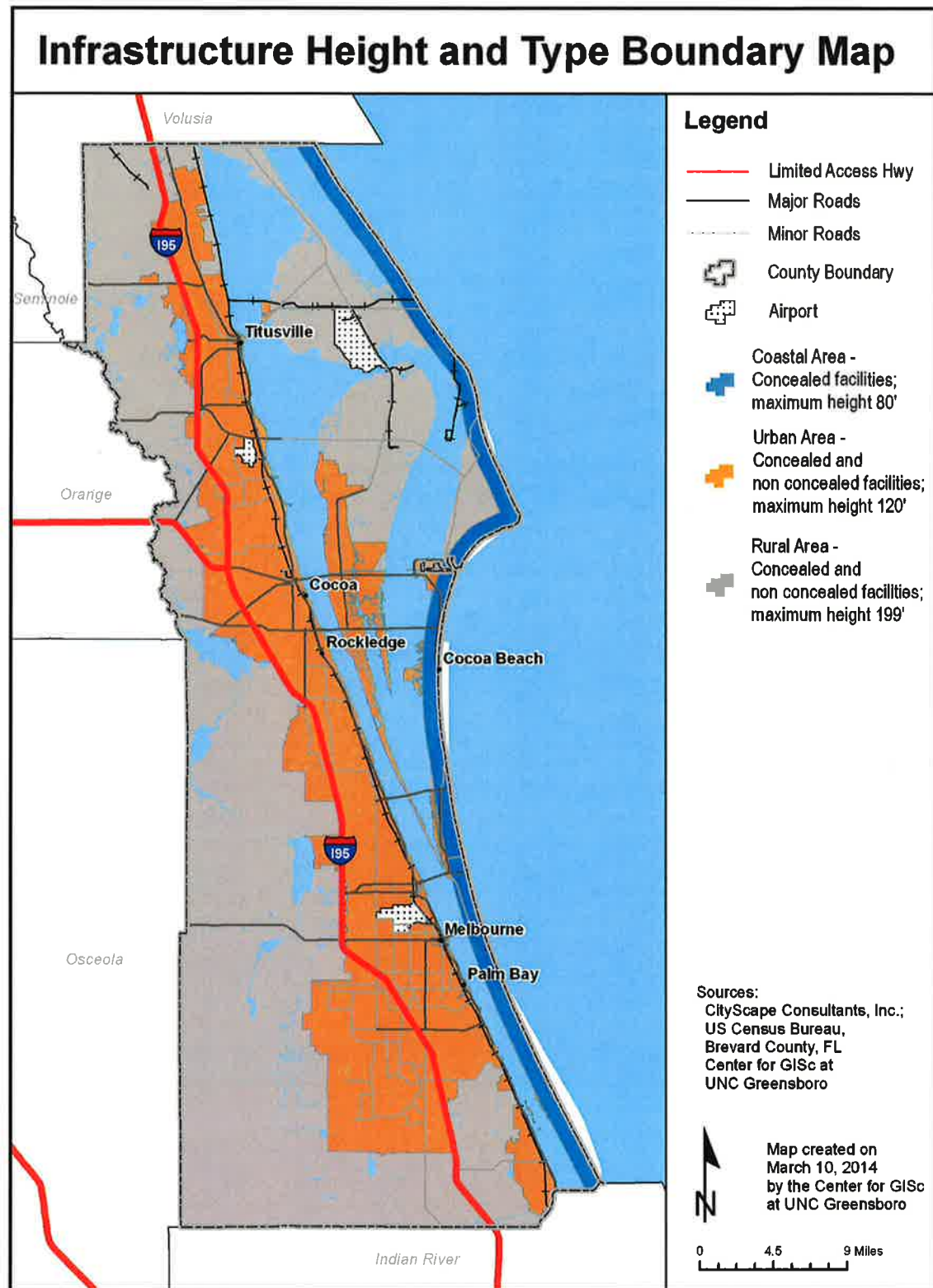


Figure 6: Height and infrastructure boundary map

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

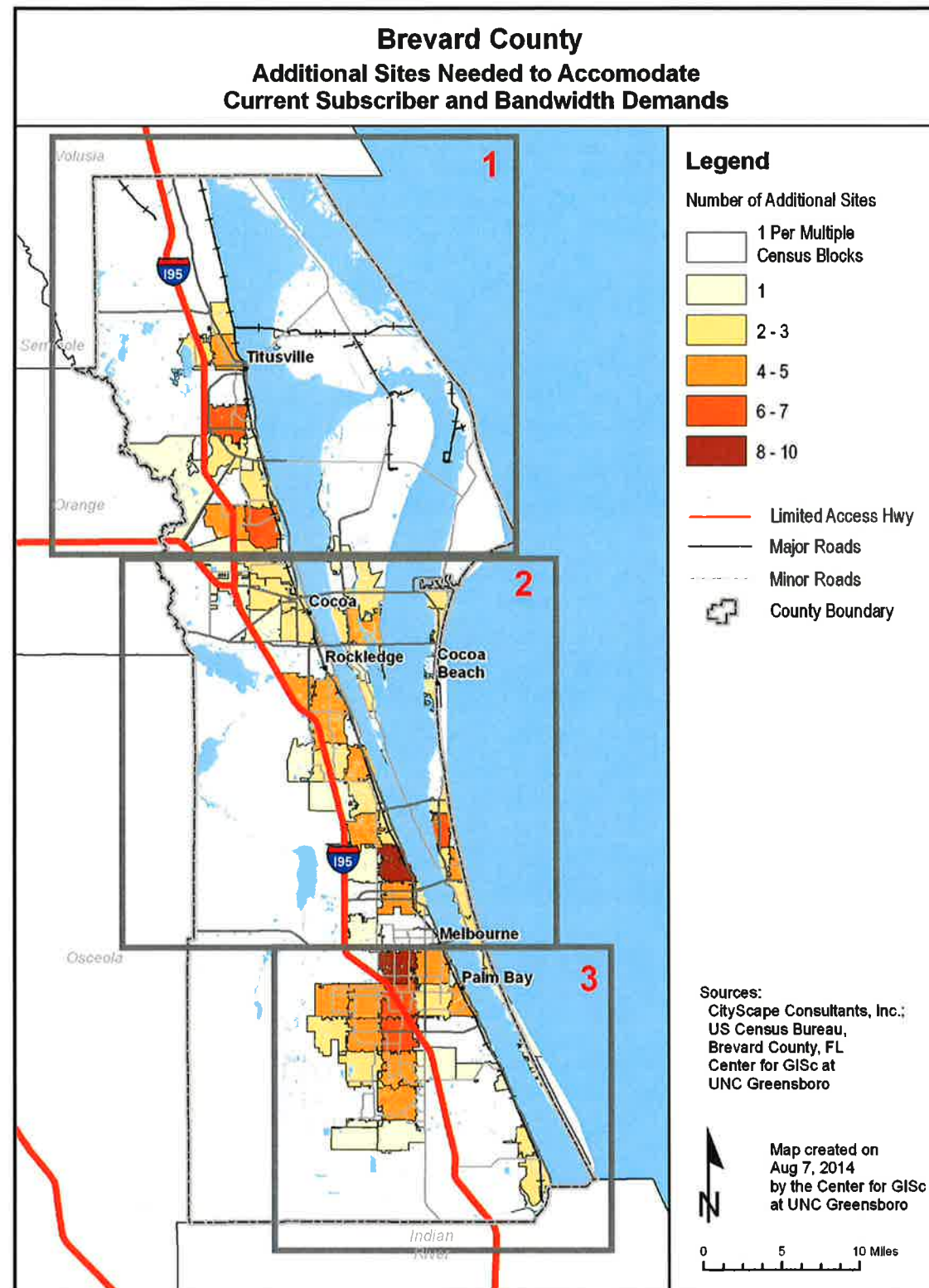


Figure 7: New wireless infrastructure projections by census block

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

County-owned properties

Leasing public-owned lands assures the community the preference of concealment materials and technologies presently available to the industry. As public sites are developed, the infrastructure installed becomes the precedent of how future sites should be developed on private land. For example, many slick sticks and “flag pole” towers are available to the industry, as well as other creative ideas for concealment towers; some are more aesthetically pleasing and more practical than other types. As the local government utilizes these products, their applications become the standard for future tower sites on both public and private land. As public land sites are considered and utilized for these purposes, staff gains invaluable knowledge on how wireless sites are constructed, which will aid them in reviewing and processing future site plan designs and evaluations on both public and private properties. Leasing public lands for purposes of new wireless infrastructure can create new sources of public revenue. As new sites are developed on public land, the community generates lease revenue from that tower owner and tenant.

The County has affirmed their interest in maximizing the use of publicly owned lands and qualified all properties with a minimum size of 7,500 square feet as potentially useful properties. As a result of several conversations between CityScape and the County it was decided that CityScape would label each property numerically for mapping purposes and cross reference each property by the assigned tax identification reference.

The County further clarified that in situations where multiple county-owned properties are contiguous to each other but individually the parcels are less than the 7,500 square feet; then CityScape is to combine these properties and treat them as 1 site with multiple tax identification references because combined these properties equal or exceed the minimum 7,500 square foot criteria.

Additionally the County indicated that in cases when one of the contiguous properties is at or in excess of 7,500 square feet but the adjacent parcels are less than 7,500 square feet then CityScape is to identify all the contiguous parcels as one site with multiple tax identifications.

The County provided CityScape a list of 2,208 County-owned parcels for consideration of future wireless communication sites. Of the 2,208 properties, 761 parcels were eliminated because the size of the property did not meet the minimum 7,500 square foot lot size. The remaining 1,447 parcels retained equate to a total of 660 potential sites County-wide as possible locations for future towers and/or antenna attachments. The 660 site total includes individual parcels and combined parcels with multiple tax account numbers equal to or exceeding the 7,500 square foot minimum lot size. Next, CityScape mapped the 660 sites and CityScape and the County reviewed each one with with specific interest in the location relative to where new wireless infrastructure is projected over the next ten years through the master plan mapping process. CityScape and the County reviewed each property and eliminated 177 sites (most of which are EELS properties) leaving 482 potential County properties for consideration.

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

Given the large number of potential properties CityScape sought a methodology to identify the best use for each of the 482 sites by the wireless industry given the proximity of each site to existing wireless infrastructure; population density and transportation networks; and future growth. Through this evaluation process CityScape was able to place each of the 482 sites into one of three of the following classifications: signal and subscriber need; subscriber need; or weak signal. A description of these classifications is provided in Table 4. The classification also serves as an order of priority of importance.

CLASSIFICATION	GEOGRAPHIC DESCRIPTION
Signal and Subscriber Need	Areas with weak signal coverage, high subscriber demand and limited network capacity where additional infrastructure is greatly needed to improve multiple network design concerns.
Subscriber Need	Areas with higher density population and significant travel corridors where additional infrastructure is needed to improve network capacity.
Weak Signal	Areas with acceptable or no signal coverage where additional infrastructure is needed to improved network coverage.

Table 4: County-owned land classification description

Not all of the properties that the County owns is located within the County’s zoning jurisdiction. For example the County owns properties within the zoning jurisdiction of Cape Canaveral, Mims, Titusville, Cocoa, Cocoa Beach, Melbourne, Melbourne Beach, Micco, Rockledge, Satellite Beach, Palm Bay, Gran Valkaria and Merritt Island. On these particular sites, if the County wanted to install any wireless communication equipment, then the County would need to file a request with the community of underlying zoning jurisdiction for plan approval subject to their respective land use policies. That community may or may not approve the County’s request.

Of the 482 identified County owned sites, 114 are located within one of the local community’s zoning jurisdictions and outside of the zoning jurisdiction of the County. A summary of where these properties are generally located throughout the County is provided in Tables 5 and 6.

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

COUNTY OWNED SITES INSIDE AND OUTSIDE COUNTY'S JURISDICTION				
NUMBER OF SITES WITHIN EACH CLASSIFICATION	SIGNAL/ SUBSCRIBER	SUBSCRIBER NEED	WEAK SIGNAL	SITE TOTAL
Map Inset 1	45	56	98	199
Map Inset 2	52	118	30	200
Map Inset 3	18	26	39	83
Total	115	200	167	482

Table 5: County-owned land site total by classification location summary

COUNTY OWNED SITES INSIDE COUNTY'S JURISDICTION				
NUMBER OF SITES WITHIN EACH CLASSIFICATION	SIGNAL/ SUBSCRIBER	SUBSCRIBER NEED	WEAK SIGNAL	SITE TOTAL
Map Inset 1	38	47	98	183
Map Inset 2	34	88	25	147
Map Inset 3	10	16	12	38
Total	82	151	135	368

Table 6: County-owned land site total in County's zoning jurisdiction by classification location summary

Analysis of where the 482 properties are located within the height boundary map is of equal importance to CityScape as well as having an understanding of the relationship between the County-owned land property classification and height boundary. This information will be useful in developing land use development standards. Tables 7 and 8 identify how many of the 482 County-owned sites are located within the coastal, urban and rural boundaries shown on Figure 6.

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

COUNTY OWNED SITES INSIDE AND OUTSIDE COUNTY'S JURISDICTION				
MAP	COASTAL AREA	URBAN AREA	RURAL AREA	SITE TOTAL
Inset 1	1	104	94	199
Inset 2	22	157	21	201
Inset 3	20	39	24	83
Total	43	300	139	482

Table 7: County-owned site totals by boundary location summary

COUNTY OWNED SITES INSIDE COUNTY'S JURISDICTION				
MAP	COASTAL AREA	URBAN AREA	RURAL AREA	SITE TOTAL
Inset 1	0	89	94	183
Inset 2	12	114	21	147
Inset 3	20	16	2	38
Total	32	219	117	368

Table 8: County-owned site totals within County's zoning jurisdiction by boundary location summary

Table 9 provides an analysis of the total number of County-owned sites by the classification and height boundary; and the number of County-owned sites within (In) and outside (Out) of the county's zoning jurisdiction.

**Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan**

COUNTY OWNED SITES INSIDE AND OUTSIDE COUNTY'S JURISDICTION										
		SIGNAL/SUBSCRIBER			SUBSCRIBER NEED			WEAK SIGNAL		
MAP	INSET	COASTAL AREA	URBAN AREA	RURAL AREA	COASTAL AREA	URBAN AREA	RURAL AREA	COASTAL AREA	URBAN AREA	RURAL AREA
1	In	0	31	7	0	46	1	0	12	86
	Out	1	6	0	0	9	0	0	0	0
2	In	7	26	1	5	83	0	0	5	20
	Out	6	12	0	3	27	0	1	4	0
3	In	3	7	0	8	8	0	9	1	2
	Out	0	8	0	0	10	0	0	5	22
Total (482)		17	90	8	16	183	1	10	27	130
In (367)		10	64	8	13	137	1	9	18	108
Out (114)		7	26	0	3	46	0	1	9	22

Table 9: County-owned site totals by classification and boundary location summary and zoning jurisdiction

Figures 7-10 illustrates the location of the County-owned sites that could potentially be used for future wireless infrastructure. The 482 County-owned lands are identified by either a red, dark gray, or light gray dot. The red dot identifies a signal and subscriber location; dark gray indicates a subscriber needed location and light gray represents a weak signal location.

While defining these geographic areas by the distances from the ocean and land use development patterns to the east and west of the I-95 corridor is effective, CityScape discovered that by using data available from the County, CityScape could use address density data to mathematically divide the urban and rural areas. CityScape used 100 addresses per square miles as a calculating threshold because when this specific number of address per square mile is mapped out it generally matches the same urban and rural geographic boundary classifications. Using the address density rather than specific geographic boundaries parallels *more accurately* with how the industry determines where new infrastructure are going to be needed because the industry monitors their subscriber base. The greater the number of subscribers in a geographic area the more the necessity for new infrastructure. Thus CityScape used this methodology because it eliminated arbitrary geographic boundaries and made the boundaries more mathematically equivalent with industry standards. This is why some county properties may be located in an area that generally “looks/appears” to be in a rural area but actually could have an “urban” classification. A comprehensive list of the County-owned sites is provided in Appendix A.

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

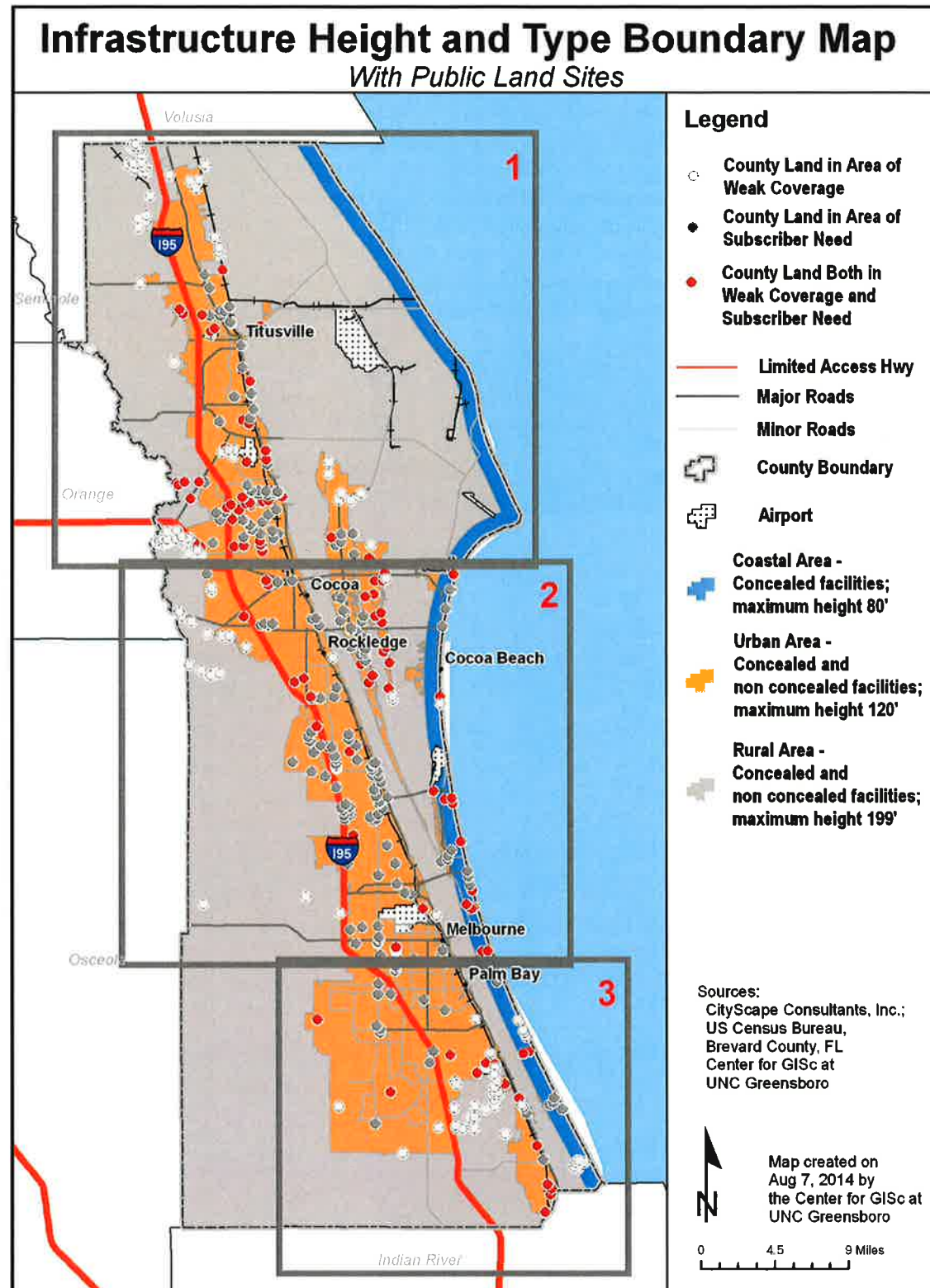


Figure 7: Overview of County-owned sites for new wireless infrastructure

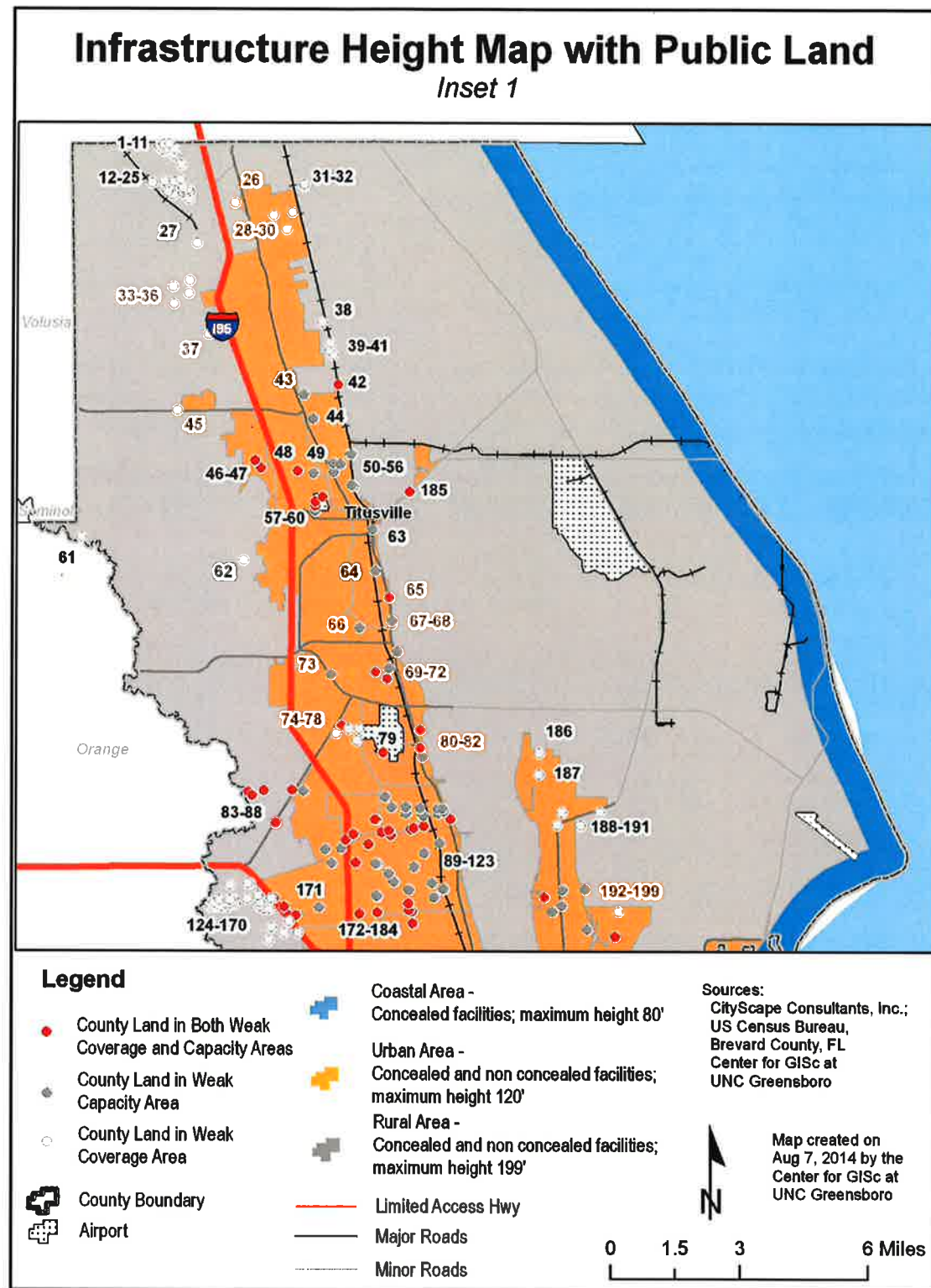


Figure 8: County-owned sites for new wireless infrastructure for Inset 1

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

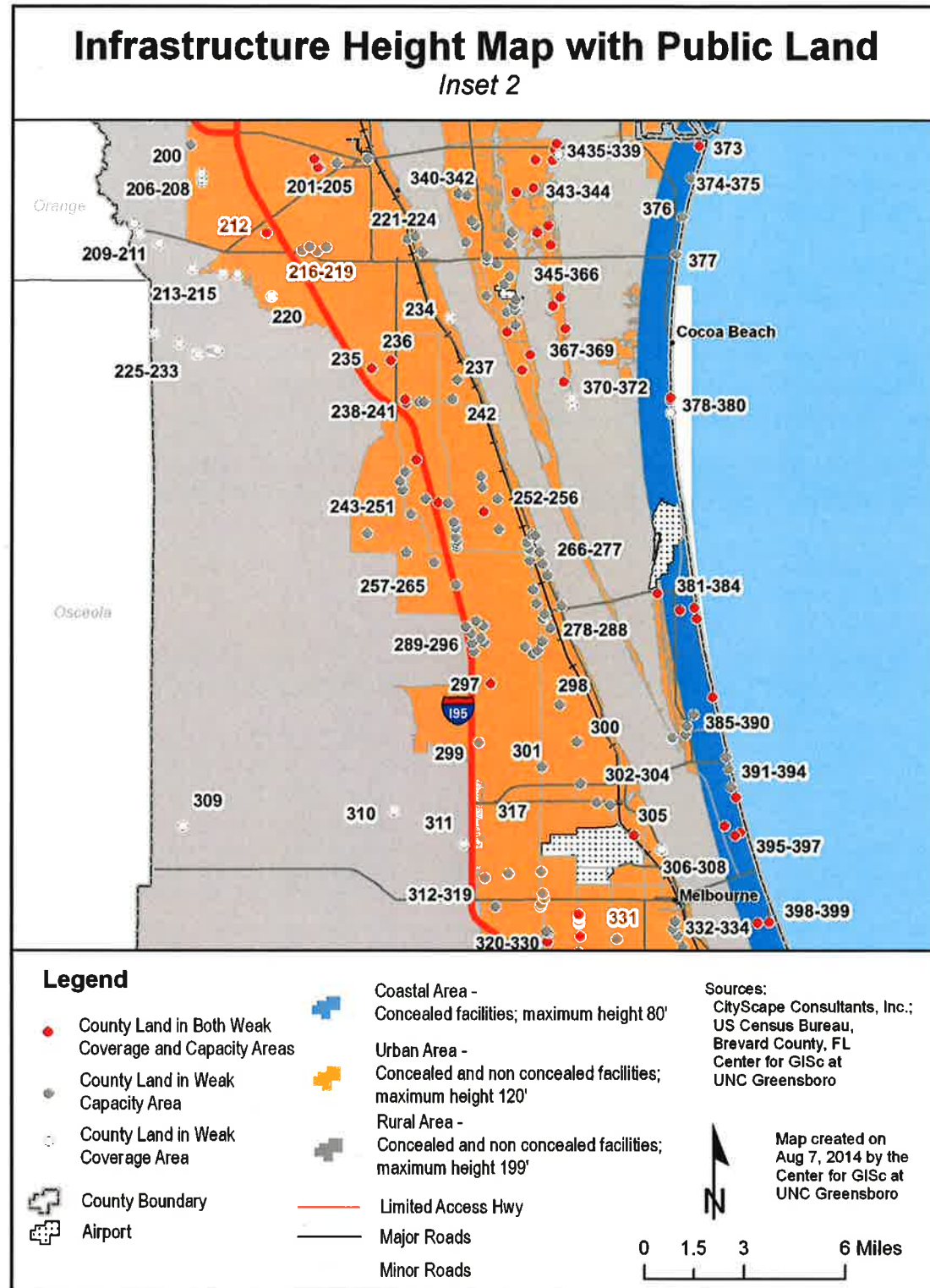


Figure 9: County-owned sites for new wireless infrastructure for Inset 2

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

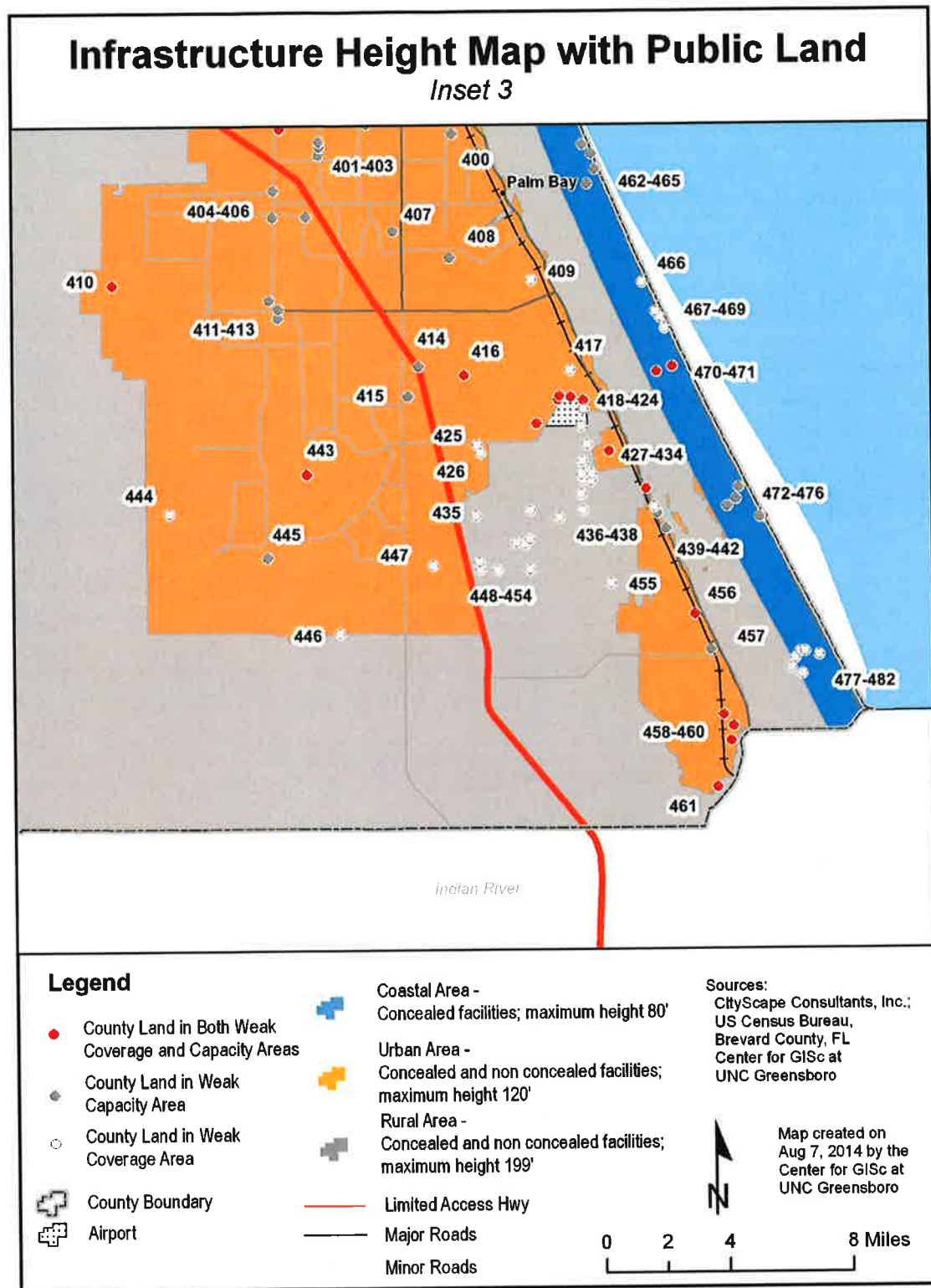


Figure 10: County-owned sites for new wireless infrastructure for Inset 3

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

The potential network coverage from new infrastructure from the county-owned sites is illustrated in Figure 11. In these figures theoretical propagation coverage from existing known wireless network antenna locations within the county's zoning is shown in the standard yellow to blue pattern. Antenna locations outside the county's zoning jurisdiction and the corresponding theoretical propagation coverage is shown in orange hues. Theoretical propagation coverage from the 482 county-owned sites is shown in red hues.

The theoretical propagation from then known antenna heights is based on the known tower height which is site specific for each antenna location. Theoretical propagation from the 482 county-owned sites is based on the region in which the site is located. County-owned sites are calculated with an antenna mounting elevations based on the following: 80' for coastal areas; 120' for urban areas; and 199' or rural areas.

In some geographic areas there are clusters of county-owned land sites are in close proximity to each other; and they located near an existing antenna array. In these cases the existing theoretical antenna propagation from the existing antenna is shown in the yellow to blue hues and the county-owned site is shown as a red dot. The propagation in these instances is not shown from the county-owned site to keep the map from looking cluttered.

All figures are designed using the high megahertz frequency.

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

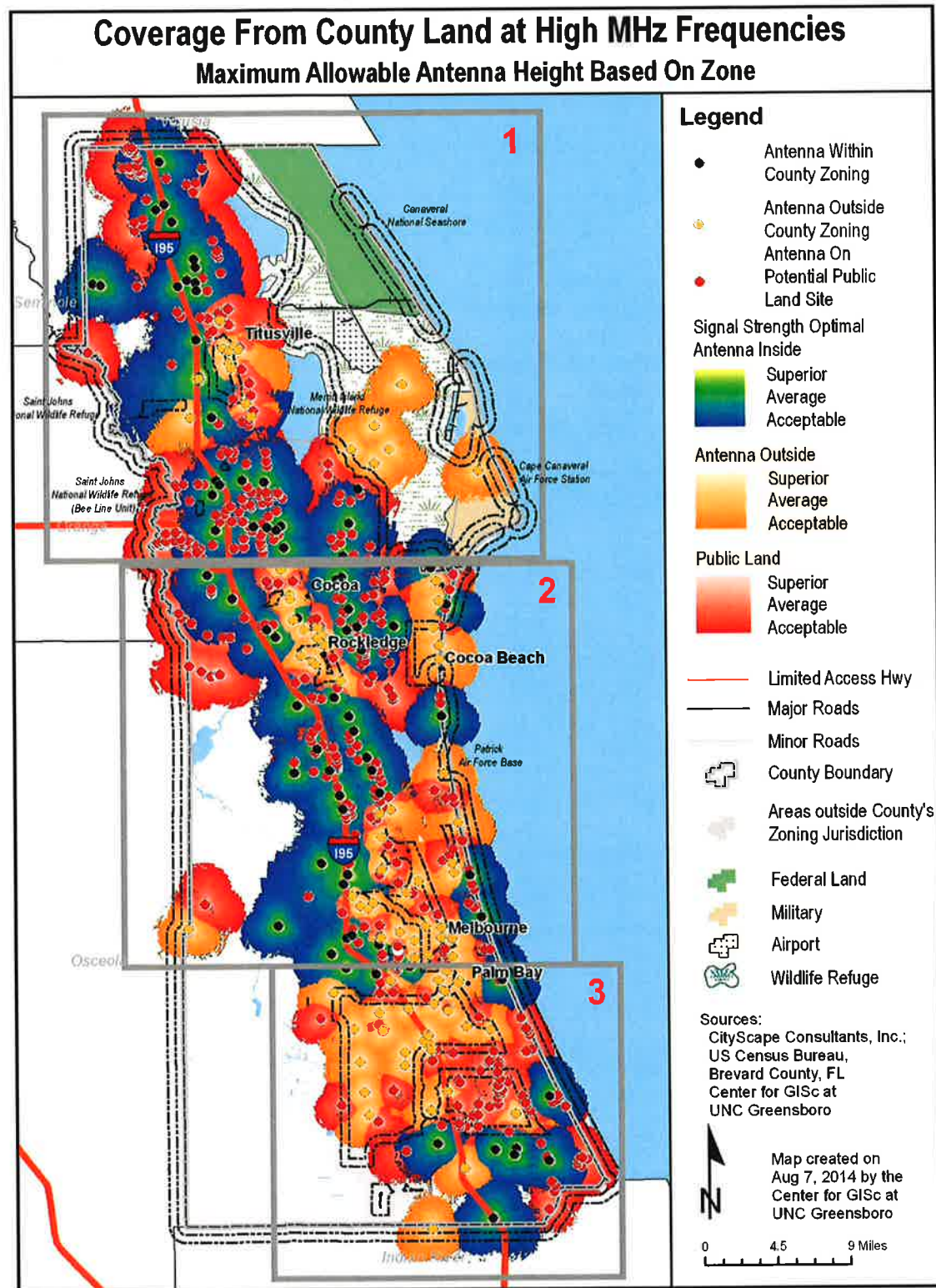


Figure 11: Theoretical propagation from existing known antenna and potential county-owned infill sites

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

Wireless telecommunications master planning and public policy

Wireless telecommunications master planning is an approach taken to reveal how the wireless service industry has initiated deployment patterns throughout the community and how to best regulate future infrastructure installations. Primary goals for public policy based on the master planning process include:

- Protection of community aesthetics by planning for well-sited, well-designed, and when necessary, concealed facilities so that the infrastructure fits better into the landscape of the community.
- Management over the number and placement of all antennas and antenna structure facilities, associated equipment (including buildings and compound areas) and ancillary equipment to promote efficient service delivery and avoid an unnecessary number of telecommunication facilities.
- Addressing safety of telecommunication facilities and avoid potential damage to people and property.
- Provisions to support an organized and efficient means for the wireless communication service industry and public infrastructure to reach the citizenry and subscriber base county-wide
- Land use development strategies and design considerations.

The master plan specifically addresses the following land use development standards thus enabling the County to establish maximum height boundaries for specific geographic regions of the County.

Height

A determining factor in the location and design of a telecommunication facility is the facility height and height of the ancillary antennas. From a service standpoint, antenna height is important since signal transmission between facilities relies on line of sight. Buildings and trees can block or weaken that signal transmission; therefore, companies often seek approval for facilities that allow antenna heights to be above any obstructions. From a community appearance standpoint, height is important because it can affect facility visibility. The draft master plan identifies three geographic areas in Brevard County and recommends the maximum height standard for each area throughout the County's zoning jurisdiction as follows: coastal area 80'; urban area 120'; rural area 199'

Number of Facilities

Based on the master plan analysis and assuming the use of current technology and future broadband demands on the existing networks, CityScape predicts the need for 350-400 antenna locations over the next ten years. CityScape uses census blocks to help identify geographic area with less desirable coverage and capacity so the County can anticipate the growth in these specific

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

areas.

Visibility & Aesthetics

Over the years Brevard County citizenry have voiced concerns about the typical non-concealed telecommunication facility as unattractive, especially when near residential and recreational areas. The master plan height boundary analysis recommends concealed only facilities in the coastal area; concealed and non-concealed facilities in the urban areas and rural areas. CityScape also recommends the use of concealed only facilities within and near residential areas, parks, and other scenic areas regardless of the geographic boundary of the underlying property. CityScape supports the use of the monopole as the only non concealed type tower in the urban area, and the use of the lattice tower and monopole only in the rural areas.

Concerns of tower failure

Tall telecommunication facilities with antennas mounted high on the facility may be subject to wind and related natural occurrences, which could lead to structural failure or potential breaks. Ordinances typically address hazards such as these through setback requirements based on the facility height and setback ratios of 1:1 or 2:1. Requiring this type of setback can be a barrier to entry due to the significant perimeter setback. The use of breakpoint technology in facility design (design that causes the tower to break at a predetermined point to minimize its impact when under stress can be a solution to using the underlying setbacks; or a 1:1 setback from the breakpoint to the top of the tower.

Hierarchy of Preferred Locations

The overall goal of the listing of the hierarchy of preferred locations is to site and design facilities so they are as inconspicuous as possible. In general, antennas mounted on existing facilities are generally preferred to new antennas mounted on new facilities; and non-residential locations are better than residential locations because such facilities are less noticeable and more accepted by the public; and the use of public land over private land can be beneficial to the entire community. Hierarchies should emphasize the preferred location and preferred type of facilities. The most preferred option is listed first with the least preferred option last.

Brevard County has several options for consideration when developing a hierarchy for the County. One option is targeting existing towers and sites identified in the master plan as preferred locations for new antenna. A second option puts an emphasis on the classification of the type of site needed and a third option would be a blend of infrastructure types and locations. The following is an example of a hierarchy:

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

1. Concealed attached antenna
2. Collocation of antenna on existing telecommunication facility
3. Non-concealed attached antenna in private utility easement (on an existing utility pylon structure)
4. Telecommunication facility on a site identified in the master plan on property in non-residential area/district
 - a) Concealed (e.g. faux tree, flagpole, banner pole, etc.)
 - b) Other
5. New telecommunication facility on property not identified in the master plan inventory in a non-residential area/district
 - a) Concealed (e.g. faux tree, flagpole, banner pole, etc.)
 - b) Monopole (allowed in urban and rural areas only)
 - c) Lattice (allowed in rural areas only)
6. Concealed telecommunication facility in residential area/district
 - a) On sites identified in the land inventory of the master plan
 - b) On sites not identified in the land inventory of the master plan

Policies & Recommendations

The following policies and recommendations are proposed to promote and address the master plan and the goals, location, and draft preferred hierarchy provided above.

- Provide guidance and assistance to telecommunication facility applicants in
- the siting and design of proposed facilities, consistent with the hierarchy of preferred locations listed in this plan.
- Require pre-application discussions and/or meetings to review, comment on, and guide the siting and design of proposed facilities.
- Require minimum submittal standards.
- Assist applicants in identifying potential locations by maintaining and making available a current master plan inventory of existing telecommunication facilities.
- Promote properties identified in the master plan as the most suitable for siting telecommunication facilities and create incentives for their use.
- Identify other potential locations for siting telecommunication facilities consistent with the Hierarchy of Preferred Locations and telecommunication facility types.
- Provide a streamlined process for facilities that meet siting and design standards.
- Establish a tiered approval process that incentivizes applicants to propose telecommunication facilities in preferred locations using a preferred design with administrative approval, while requiring other proposals to secure County approval.
- Require shorter and concealed facilities in the coastal boundary and residential areas.
- Allow taller facilities in the urban non-residential areas. The increased visual impact of taller facilities with more antenna arrays should be a consideration with this approach.

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

- Telecommunication facilities should be sited to minimize visual impacts from road rights-of-way and neighborhoods.
- The maps included in this master plan are not all-inclusive and the Ordinance should contain provisions allowing other opportunities to be reviewed on a case-by-case basis.

Require techniques to minimize the visual impacts of telecommunication facilities.

- Require applicants for new telecommunication facilities to evaluate the feasibility of collocating new antennas and equipment on an existing structure or structures. On buildings, encourage installations that are appropriately scaled and hidden within existing architectural features.
- Require applicants to submit a visual analysis, such as a balloon test, and if visible to the public propose measures to mitigate the visual impact.
- Require that telecommunication facilities blend with the surroundings in shape, color, material, and texture.
- Require security fencing and landscape screening material around the compound area to match that found in the vicinity.
- Other than signage specifically required by law prohibit any unnecessary markings, advertising or promotional signage on telecommunication facilities.
- Telecommunication facilities should be of an appropriate mass and scale with the surrounding property, neighborhood, and community.
- Limit the height of new telecommunication facilities.
- Prohibit the use of guyed facilities except for broadcast facilities.

Telecommunication facilities can be designed to ensure public safety from hazards and noise.

- Require that the design of new telecommunication facilities, antenna modifications and collocations comply with current building requirements.
- Protect people and property near telecommunication facilities from structural failure by maintaining the minimum/maximum setback requirements based on the adjoining land use.
- Incorporate breakpoint technology.
- When power generators or other noise sources are proposed at telecommunication facilities, applicants shall demonstrate compliance with County noise ordinance requirements *(does this apply to the County?)*
- Require monitoring of all telecommunication facilities to ensure they are being properly maintained.

Require the removal of abandoned telecommunication facilities.

- Require telecommunication facility owners to notify the County when operations cease

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

at a site. Telecommunication facilities that have not been used by any carrier for a six (6) month period should comply with abandonment provisions that provide for dismantling and removal of a facility.

- Require telecommunication facility owners to bear the cost for removal of abandoned telecommunication facilities.

Fees established and collected for the permitting, monitoring and inspection of telecommunication facilities should ensure full cost recovery for the County

- The County should continue the current application review fee structure, which in addition to the fee for staff review; applicants bear the cost of a technical review of the telecommunication facility, site upgrade, etc. by an outside consultant working on behalf of the County.
- The County should coordinate with Wa its property assessment records to ensure that telecommunication facilities are fully valued as site improvements, with the County receiving appropriate tax revenue from them.

Telecommunication facilities can be a potential source of revenue for the County.

- Where possible, the County should pursue lease agreements with telecommunication companies on designated sites within the master plan inventory that meet coverage needs.
- County-owner properties can be sorted categorized in many ways including:
 - Listing the sites alphabetically by Inset map and applying development standards according on a case by case basis as required by the hierarchy and submittal process.
 - Grouping the County-owned land sites by classification realizing that sites located as signal and subscriber need locations are likely going to be desirable sites by the industry. Predetermining and pre-approving the type and height of the infrastructure for each of these 140 sites and having an expedited approval process for these properties will benefit the County and the industry.

Design Guidelines

The County is primarily concerned with the appearance of the telecommunication facility and whether it blends with the surroundings; therefore, suggested design guidelines follow. These guidelines are not all-inclusive and applicants are encouraged to propose creative solutions that meet the intent of the Master Plan.

Concealed Telecommunication Facilities

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

- Concealed facilities are preferred.
- New concealed facilities should blend with the surroundings and avoid being conspicuous, such as a slick stick or a flag pole - neither of which should be excessively tall over neighboring trees and buildings and a flagpole type should reasonably resemble a typical flagpole height.
- The surrounding environment (e.g. trees, landscaping, fencing and buildings) should be used to the maximum extent possible to conceal the telecommunication compound area.
- Concealed telecommunication facility types should vary in the County to avoid too many of any one particular type.

Non-Concealed Telecommunication Facilities (Monopoles)

- New lattice towers can only be permitted within the rural area.
- A monopole should be sited among other elements to reduce its visibility, such as, among a stand of trees or behind the principal building on the same zone lot (if applicable)
- As appropriate, monopoles should be colored to match their foreground or background elements.

Antennas on buildings and other non-tower structures

- Antennas on rooftops should be screened with materials that are transparent to the RF signal, and mitigate the visual impact.
- Flush mounted antennas can be concealed to blend with the building wall. Flush mounting on a building wall and painted is not concealed but is a method to reduce the visibility of the antenna on the building.
- To verify that other structures, such as water tanks, parking lot light poles, telephone poles, streetlight poles, athletic field light poles, etc., can accommodate antennas, a structural analysis should be required before antenna installation is permitted. To the extent possible the antenna should be flush mounted and not interfere with vehicular or pedestrian visibility

Cables & Feed Lines

- Cable runs along the ground should be placed underground.
- If the cable runs are located above ground, they should be hidden from public view.
- Cables and feed lines shall not be mounted to the exterior of a building or structure.
- In monopole type facilities (e.g. slick stick, faux tree, painted pole, etc.) cables and feed lines shall be installed inside the pole.

Equipment Cabinets & Compound Areas

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

- Interiors of existing adjacent buildings can be a location for equipment cabinets.
- Access to equipment cabinets and compound areas shall be limited to authorized personal only and remain gated and locked at all times.
- Building rooftop compound area screening should be architecturally compatible with the building.
- Ground level equipment must be screened with security fencing and landscaping.
- The landscape material should match or compliment the surrounding material.
- Ground level compound areas should be of sufficient height to screen the equipment and, if applicable, match the material(s) and color(s) of the adjoining building.
- Ground level compound areas shall not remove any required parking spaces, required buffer areas, or encroach into any easements.
- Pole-mounted equipment shall be small, low profile and flush mounted.
- Additionally, the equipment shall be mounted high enough off the ground to not interfere with pedestrian, bicycle, and vehicle traffic.

CityScape Consultants does not promote regulations for wireless network deployment solely by zoning districts because of the complications of treating all service providers functionally equivalent (as required by the Telecommunications Act) using this traditional zoning methodology. Rather, CityScape encourages the use of the hierarchy, zoning table and a permitting process with a prescription of development standards that achieve the goals and objectives of the community.

Notice of Proposed Rule Making

There is currently pending before the Federal Communications Commission a Notice of Proposed Rule Making ("NPRM") released in September 2013 ("Improving Wireless Facilities Siting Policies" WT Docket 13-238, released September 26, 2013). The NPRM solicited comments from the wireless industry, local government and other stakeholders on a number of siting issues and policies which the FCC intends to establish by an Order arising from the NPRM sometime in the future. It is anticipated that the FCC's Order will have the effect of pre-empting or modifying local regulation of certain wireless siting matters, as the NPRM addresses wireless issues, including (but not limited) to such items as:

- DAS (Distributed Antenna Systems) and Small Cell Deployment
- Temporary Wireless Facilities
- Definition of an "eligible facilities request" for colocation under 47 USC §1455(a) (a/k/a "Section 6409)
- Definition of "substantial change" under the same statute
- Effect of local government's failure to act on applications after applicable shot clock limits have been exceeded

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

- Ability to impose local zoning standards on "eligible facilities requests"

As a result, it is anticipated that the zoning regulations being adopted now will require revision and updating after the FCC Order arising from the NPRM is released, and subject to any judicial challenge to that Order.

*Brevard County Draft Executive Summary of the
Wireless Telecommunications Master Plan*

**Appendix A
County-owned Sites**

Disclaimer: Not all of the Brevard County sites designated in the enclosed inventory may be available as of the date of publication of this Master Plan or thereafter and alternate properties may become available that are not designated in the enclosed inventory. Please contact Brevard County to verify the availability of any public property site.

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Dept.	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
1	2003315	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo	Monopole 199'; Black Stick Stick 140'			1			1
2	2003316	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo	Monopole 199'; Black Stick Stick 140'			1			1
	2004415	West of I-95, South of Stuck Way Road	VACANT TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo							
	2004416	West of I-95, South of Stuck Way Road	VACANT TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo							
	2004417	West of I-95, South of Stuck Way Road	VACANT TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo							
	2004418	West of I-95, South of Stuck Way Road	VACANT TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo							
	2004419	West of I-95, South of Stuck Way Road	VACANT TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo							
3	2004414	West of I-95, South of Stuck Way Road	VACANT TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo	Monopole 199'; Black Stick Stick 140'			1			1
4	2003321	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo	Monopole 199'; Black Stick Stick 140'			1			1
	2003322	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo							
	2003319	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo	Monopole 199'; Black Stick Stick 140'			1			1
	2003320	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo							
6	2003335	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo	Monopole 199'; Black Stick Stick 140'			1			1
7	2003317	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo	Monopole 199'; Black Stick Stick 140'			1			1
	2003318	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo							
	2003323	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo							
	2003324	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo							
	2003325	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo							
8	2003332	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo	Monopole 199'; Black Stick Stick 140'			1			1
9	2003262	North West of Stuckway Road, West of I-95	VACANT (TAX DEED 95-25 JAMES HERSHMAN)	A.M. Surplus	AU	AGRIC		Monopole 199'; Black Stick Stick 140'			1			1
10	2003370	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo	Monopole 199'; Black Stick Stick 140'			1			1
	2003371	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	AU	AGRIC	See Aerial Photo							
	2003806	North West of Stuckway Road, West of I-95 adjacent to 2003307	VACANT - TAX DEED 95-27 BRADLEY RAY WILSON	A.M. Surplus	AU	AGRIC		Monopole 199'; Black Stick Stick 140'			1			1
	2003807	North West of Stuckway Road, West of I-95 adjacent to 2003306	VACANT - TAX DEED 95-27 BRADLEY RAY WILSON	A.M. Surplus	AU	AGRIC		Monopole 199'; Black Stick Stick 140'			1			1
12	2000018	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Stick Stick 140'			1			1
13	2003993	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Stick Stick 140'			1			1
14	2003999	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Stick Stick 140'			1			1
	2004000	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo							
15	2004001	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INT'L INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Stick Stick 140'			1			1

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Dept.	Zoning	Complan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
16	2004003	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
17	2004101	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
18	2004032	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
	2004033	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Slick Stick 140'						1
19	2004061	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
	2004062	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
20	2004134	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
	2004135	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
21	2004154	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
	2004155	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
	2004156	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
	2004157	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
22	2004147	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
23	2004144	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
24	2004158	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	AGRIC	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
25	2004178	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	RES 1	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
	2004179	West of I-95, South of Stuck Way Road	TAX DEED - SURPLUS/ATLANTIC INTL INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	RES 1	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
26	2005346	4055 Magoon Ave Park, Mims- pond and dirt road on it	Parish Park Scottsmoor 4055 MAGOON AVE PARK INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GU	RES 1	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
	2005347	4055 Magoon Ave Park, Mims- pond and dirt road on it	Parish Park Scottsmoor 4055 MAGOON AVE PARK INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	PUD	RES 1	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
	2005348	4055 Magoon Avenue, Scottsmoor	Parish Park Scottsmoor 4055 MAGOON AVE PARK INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	PUD	RES 1	See Aerial Photo	Monopole 199'; Black Slick Stick 140'			1			1
	2005345	4055 Magoon Avenue, Scottsmoor	Parish Park Scottsmoor 4055 MAGOON AVE PARK INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GML	REC	FRDAP	Monopole 199'						1
	2005346	4055 Magoon Avenue, Scottsmoor	Parish Park Scottsmoor 4055 MAGOON AVE PARK INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GML	REC	FRDAP	Monopole 120'; Slick Stick 100'			1			1
	2005347	4055 Magoon Avenue, Scottsmoor	Parish Park Scottsmoor 4055 MAGOON AVE PARK INVESTMENT CORP. Vacant	Public Works (Trans. Eng)	GML	REC	FRDAP	Slick Stick 120'			1			1
27	2008988	North of Hwy 46, West of I-95 (Indian River Park)	VACANT-TAX DEED 95-18 JOHN BOUCHER Retention Pond Scottsmoor	A.M. Surplus	GU	AGRIC		Monopole 199'			1			1
28	2005110	3031 Flounder Creek, Mims	Retention Pond Scottsmoor	Natural Resources	AU	RES 1	SW Pond	Monopole 120'; Slick Stick 100'			1			1
29	2005191	3031 Flounder Creek, Mims	Retention Pond Scottsmoor	Natural Resources	AU	RES 1	SW Pond	Slick Stick 120'			1			1
30	2005109	East end of Johns Rd, Mims	Retention Pond Scottsmoor	Natural Resources	AU	RESIDENTIAL	SW Pond	Monopole 120'			1			1
31	2000278	End of Huntington Ave, North of Mims, Scottsmoor	SCOTTSMOOR ING HUNTINGTON AVE-SCOTTSMOOR	North Parks Rec Maint	GML	AGRIC		Flag Pole 80'-100'; Light or Banner Pole 80'-100'			1			1
32	2000277	End of Huntington Ave, North of Mims, Scottsmoor	VACANT	North Parks Rec Maint	GML	AGRIC		Flag Pole; Light/Banner Pole; or Slick Stick 80'-100'			1			1
33	2001104	North of Hwy 46, West of I-95 (Indian River Park)	VACANT-TAX DEED 95-21 GIL CHAMPAGNE	A.M. Surplus	GU	AGRIC		Monopole; 199'			1			1
34	2002346	North of SR46, West of I-95 Between D. Johnson road and I-95	VACANT-TAX DEED - SURPLUS / GAR G. BISHOP	Housing & Human Svcs	AGR	AGRIC	Flood, Wet, Road Access	Monopole; 199'			1			1

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Dept.	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
	2105370	2300 Truman Scarborough Way, Titusville	Chain of Lakes Park, 2300 TRUMAN SCARBOROUGH WAY PARK, TITUSVILLE 32796	?	RRMH-1	RES								
	2105370	2300 Truman Scarborough Way, Titusville	Chain of Lakes Park, 2300 TRUMAN SCARBOROUGH WAY PARK, TITUSVILLE 32796	?	RRMH-1	RES								
	2105370	2300 Truman Scarborough Way, Titusville	Chain of Lakes Park, 2300 TRUMAN SCARBOROUGH WAY PARK, TITUSVILLE 32796	?	RRMH-1	RES								
54	2105315	END JAY JAY ROAD	EASEMENT/SURFACE WATER IMPROVEMENTS Vacant	Natural Resources	IL-1	PIP		Monopole; 120'		1		1		
55	2105315	END JAY JAY ROAD	EASEMENT/SURFACE WATER IMPROVEMENTS Vacant	Natural Resources	IL-1	PIP		Monopole; 120'		0		0		
56	2105429	1830 Oak Grove Road, Titusville	BREVARD COUNTY PARK MEMORIAL MEDICAL COMPLEX	North Parks Rec Maint	R1B	LDR				0		0		
57	2105429	2300 Truman Scarborough Way, Titusville	CHAIN OF LAKES GLORIAN WELLS	North Parks Rec Maint	R1B	LDR				0		0		
58	2108088	2695 Flake Rd Unit SPCA, Titusville	R&B 2675 FLAKE RD TITUSVILLE	Road & Bridge	P	PUB	SPCA		0			0		
	2108088	2675 Flake Rd Unit R & B, Titusville	R&B 2675 FLAKE RD TITUSVILLE	Road & Bridge	P	PUB	R & B					0		
59	2108090	665 North Singleton Avenue, Titusville	SINGLETON TENNIS COMPLEX 655 SINGLETON AVE	North Parks Rec Maint	P	PUB			0			0		
60	2108123	585 North Singleton Avenue, Titusville	SANDRIET COMM CENTER 585 SINGLETON AVE	North Parks Rec Maint	P	PUBLIC/SEMI			0			0		
	2108125	611 North Singleton Avenue, Titusville	NOT Vacant - HEALTH DEPT 611 SINGLETON AVE	Health Dept	P	PUBLIC/SEMI								
	2108126	525 North Singleton Avenue, Titusville	OLD FIRE STA 525 SINGLETON AVE TITUS	North Parks Rec Maint	P	PUBLIC/SEMI								
61	2108124	405 North Singleton Avenue, Titusville	JAYCEES CLUBHOUSE SINGLETON AVE TITUSVILLE	North Parks Rec Maint	P	PUBLIC/SEMI				0		0		
62	2206017	100 Habill Road, Titusville	HATBALL-100 HATBALL RD MIMS	North Parks Rec Maint	GML	REC		Monopole 139'; Black Stick 140'			1		1	
63	2224677	West of I-95, near Fox Lake Park, Titusville	VACANT-Near Fox Lake Park	?	GU	RES 1,2,5		Monopole 139'; Black Stick 140'			1		1	
64	2200425	424 Washington Avenue, Titusville	FRITCHARD HOUSE MARY SCHUSTER	North Parks Rec Maint	CEB	DWNTWN MIXED				0		0		
65	2205918	2121 S Hopkins Avenue, TITUSVILLE North of Park Lane, Titusville	TITUS LIBRARY 2121 S HOPKINS AVE TITUS	Library Services	P	DWNTWN MIXED	No known restrictions, but property is within Titusville city limits. Not much room for a tower.			0		0		
66	2206715	3335 South Washington Avenue, Titusville	MANZO PARK 3335 S.WASHINGTON AVE- TITUSVILLE	North Parks Rec Maint	SMU	MIX/SH		Flag Pole; 60-100'; Light/Banner Pole 60-100'	1			1		
	2206716	3335 South Washington Avenue, Titusville	MANZO PARK 3335 S.WASHINGTON AVE- TITUSVILLE	North Parks Rec Maint	SMU	MIX/SH		Flag Pole; 60-100'; Light/Banner Pole 60-100'						
	2206717	3335 South Washington Avenue, Titusville	MANZO PARK-TITUSVILLE	North Parks Rec Maint	SMU	MIX/SH		Flag Pole; 60-100'; Light/Banner Pole 60-100'						
67	2211490	4260 Stuart Avenue, Titusville	STUART ST PARK- 1200 THOREQU ST., TITUSVILLE	North Parks Rec Maint	OR	RECREATION				0		0		
68	2212058	4141 South Washington Avenue, Titusville	ROTARY RIVERFRONT PARK 4411 S WASH AVE TITUS	North Parks Rec Maint	SMU	MIX/SH		Flag Pole; 60-100'; Light/Banner Pole 60-100'	1			1		
69	2212056	4141 South Washington Avenue, Titusville	ROTARY RIVERFRONT PARK 4411 S WASH AVE TITUS	North Parks Rec Maint	SMU	MIX/SH		Flag Pole; 60-100'; Light/Banner Pole 60-100'	1			1		
	2212069	4141 South Washington Avenue, Titusville	ROTARY RIVERFRONT PARK 4411 S WASH AVE TITUS	North Parks Rec Maint	SMU	MIX/SH								
70	2213378	4915 South Washington Avenue, Titusville	KENNEDY POINT 4915 S.WASHINGTON AVE, TITUSVILLE	North Parks Rec Maint	OR	RECREATION	LWCF			0		0		
71	2221645	between Sisson rd and US-1, Titusville	VACANT	?	R3	RES		Stick Stock; 60-100'		1		1		
	2221937	East of Sisson Road, Titusville	VACANT-403 LOXLEY CT PARK, TITUSVILLE 32790	?	R2	RES								
72	2224751	Sisson Road, Titusville	road right of way	?	R2	RES			0			0		

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Dept.	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
		330 Little League Lane, Titusville	-W.W. JAMES PARK 330 LITTLE LEAGUE LANE, TITUSVILLE	North Parks Rec Maint										
73	2213567	330 Little League Lane, Titusville	-W.W. JAMES PARK 330 LITTLE LEAGUE LANE, TITUSVILLE	North Parks Rec Maint	R2	RECREATIONAL			0		0			
	2217823	330 Little League Lane, Titusville	-W.W. JAMES PARK-JONES-C.B. REALTY	North Parks Rec Maint	GU	RES		Slick Stick, 60-100'						
	2217824	Sharon Road North of 405, Titusville	VACANT	?	R1B	RES								
	2217827	Sharon Road North of 405, Titusville	VACANT	?	SR	RESIDENTIAL								
	2217830	Sharon Road North of 405, Titusville	VACANT	?	SR	RESIDENTIAL								
	2221867	330 Little League Lane, Titusville	VACANT, W.W. JAMES PARK 330 LITTLE LEAGUE LANE, TITUSVILLE	?	OR	LDR		Flag Pole, 60-100', Light/Banner Pole 60-100'		1			1	
74	2217398	2290 Columbia Blvd, Titusville	NOT Vacant NEW SHERIFF NORTH PRECINCT (Old FPP Site of F.I.)	Facilities Maint	GML	PUBLIC FACILITY								
	2217401	2290 Columbia Blvd, Titusville	FIRE STA 24 2290 SR 405 TITUSVILLE	BCFR	GML	PUB								
75	2300577	South East of Challenger Memorial Pkwy, North East Sheppard Pkwy	VACANT-ENTERPRISE PARK TICO AIRPORT TITUS	Facilities Maint	PID	URBAN MIXED	In potential flight path of TICO Airport?	Monopole; 120' or Slick Stick; 100'	1				1	
	2300590	Corner of Challenger Memorial Pkwy and Sheppard Pkwy	VACANT-SPACEPORT ENTERPRISE PARK TITUS	Facilities Maint	PID	URBAN MIXED	In potential flight path of TICO Airport?							
	2300583	Between Challenger Mem Pkwy and Armstrong Drive	ENTERPRISE PARK TICO AIRPORT TITUS	Facilities Maint	PID	URBAN MIXED	In potential flight path of TICO Airport?	Monopole; 120' or Slick Stick; 100'			1		1	
76	2324053	407 and Sheppard Dr	VACANT	?	PID	URBAN MIXED		Monopole; 120' or Slick Stick; 100' (height to be determined by FAA due to proximity to airport runway)			1		1	
77	2300581	Armstrong Dr, Titusville	VACANT-Enterprises Park	?	PID	URBAN MIXED								
	2319467	West of Grissom Parkway, North of Sheppard Drive	DRAINAGE RIGHT OF WAY ELWOOD WARDLOW Ass# 563197	Road & Bridge	PID	URBAN MIXED	Drainage RW Armstrong Dr to Sheppard Dr							
78	2323797	On Grissom north of Sheppard	SPACEPORT COMMERCE PARK 1ST COAST INDUSTRIAL, Vacant	MIRA	PID	PIP		Monopole; 120' or Slick Stick; 100' (height to be determined by FAA due to proximity to airport runway)			1		1	
79	2300422	West of Grissom, South of Sheppard,	VACANT-ENTERPRISE PARK Near TICO AIRPORT TITUS	Facilities Maint	PID	URBAN MIXED	Near TICO Airport Titusville	Monopole; 120' or Slick Stick; 100' (height to be determined by FAA due to proximity to airport runway)			1		1	
	2300576	Shepard Dr, Titusville	VACANT-Enterprises Park	?	PID	URBAN MIXED								
80	2300399	Titusville Office Complex - Space Coast Reg. Airport, 800 Perimeter Rd., Titusville	MOSQUITO CONTROL 800 PERIMETER RD TITUS-OWNER BREVARD COUNTY	Mosquito	P	PUB	Airport, Height, Space, Restrictions CRB 865 PG 1002		0				0	
	2300389	Titusville Office Complex - Space Coast Reg. Airport, 800 Perimeter Rd., Titusville	MOSQUITO CONTROL 800 PERIMETER RD TITUS-OWNER BREVARD COUNTY	Mosquito	P	PUB	Airport, Height, Space, Restrictions CRB 865 PG 1002							
	2300399	Titusville Office Complex - Space Coast Reg. Airport, 800 Perimeter Rd., Titusville	MOSQUITO CONTROL 800 PERIMETER RD TITUS-OWNER BREVARD COUNTY	Mosquito	P	PUB	Airport, Height, Space, Restrictions CRB 865 PG 1002							
	2300399	Titusville Office Complex - Space Coast Reg. Airport, 800 Perimeter Rd., Titusville	MOSQUITO CONTROL 800 PERIMETER RD TITUS-OWNER BREVARD COUNTY	Mosquito	P	PUB	Airport, Height, Space, Restrictions CRB 865 PG 1002							
	2300399	Titusville Office Complex - Space Coast Reg. Airport, 800 Perimeter Rd., Titusville	MOSQUITO CONTROL 800 PERIMETER RD TITUS-OWNER BREVARD COUNTY	Mosquito	P	PUB	Airport, Height, Space, Restrictions CRB 865 PG 1002							
	2300399	Titusville Office Complex - Space Coast Reg. Airport, 800 Perimeter Rd., Titusville	MOSQUITO CONTROL 800 PERIMETER RD TITUS-OWNER BREVARD COUNTY	Mosquito	P	PUB	Airport, Height, Space, Restrictions CRB 865 PG 1002							
	2300399	Titusville Office Complex - Space Coast Reg. Airport, 800 Perimeter Rd., Titusville	MOSQUITO CONTROL 800 PERIMETER RD TITUS-OWNER BREVARD COUNTY	Mosquito	P	PUB	Airport, Height, Space, Restrictions CRB 865 PG 1002							

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation, Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Dept.	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
81	2300313	Riverside Dr., Titusville	VECTOR SPACE PARK, TITUSVILLE	North Parks Rec Maint	PID	PIP		Flag Pole; 60-100'; Light/Banner Pole 60-100'	0				0	
82	2300317	7101 South Highway 1, Titusville	STATHAM PARK 7101 S WASHINGTON AVE TITUSVILLE	North Parks Rec Maint	GML			Flag Pole; 60-100'; Light/Banner Pole 60-100'	1				1	
83	2301374	7275 Highway 1, Titusville	MANATEE HAMMOCK PARK 7275 US1 TITUSVILLE	North Parks Rec Maint	GML	RES 15		Flag Pole; 60-100'; Light/Banner Pole 60-100'	1	1			1	
84	2300008	West of Ranch Road, Port St John	LONG BLUFF PARK KING HWY/PT ST JOHN	North Parks Rec Maint	GML			Monopole; 199' or Slick Stick or Fire Tower; 140'	1					1
85	2300008	West of Ranch Road, Port St John	LONG BLUFF PARK KING HWY/PT ST JOHN	North Parks Rec Maint	GML			Monopole; 199' or Slick Stick or Fire Tower; 140'	1					1
86	2305733	West of Ranch Road, Port St John	LONG BLUFF PARK KINGS HWY PT ST JOHN	North Parks Rec Maint	GML			Monopole; 199' or Slick Stick or Fire Tower; 140'	1					1
87	2305732	West of Ranch Road, Port St John	LONG BLUFF PARK KINGS HWY PT ST JOHN	North Parks Rec Maint	GML	SUB 2/1 & 1/1		Monopole; 199' or Slick Stick or Fire Tower; 140'	1					1
88	2305730	West of Ranch Road, Port St John	LONG BLUFF PARK KINGS HWY/PT ST JOHN	North Parks Rec Maint	GML	AGR		Monopole; 120' or Flag Pole or Slick Stick; 100'		1			1	
89	2305736	West of Ranch Road, Port St John	LONG BLUFF PARK KINGS HWY PT ST JOHN	North Parks Rec Maint	GML	SUB 2/1 & 1/1								
89	2305736	On 407 between 528 and 1495	VACANT	?	GU	AGR								
89	2305736	On 407 between 528 and 1495	VACANT	?	GU	AGR		Monopole; 175' or Slick Stick; 140'	1					1
90	2303213	Horton Street and Madison Street, Port St John	PARK SITE HORTON & MADISON PT ST JOHN	North Parks Rec Maint	GML	RES 4		Slick Stick; 60'		1			1	
91	2303664	Albany Street and Hartford Road, Port St John	PARK SITE ACKERMAN AVE & FAIRFAX PT ST JOHN	North Parks Rec Maint	GML	PUB		Slick Stick; 60'		1			1	
92	2304466	Benny's Road and Ackerman Ave, Port St John	PARK SITE E OF ACKERMAN PT ST JOHN	North Parks Rec Maint	GML	RES 4		Slick Stick; 60'		1			1	
93	2304497	Fairfax Street and Ackerman Ave, Port St John	PARK SITE ACKERMAN & FAIRFAX PT ST JOHN	North Parks Rec Maint	GML	RES 4		Slick Stick; 60'		1			1	
94	2301666	3910 Juana Street, Port St John	SEWER TREATMENT PLANT-PT. ST. JOHN	Utility Services	GML	PUBLIC FACILITY	None that they are aware of.	Slick Stick; 60'		1			1	
95	2301667	Juanita Street, Port St John	VACANT-with drainage water on it	?	RU-1-9	RES 4		Slick Stick; 60'		1			1	
95	2301668	Juanita Street, Port St John	VACANT-with drainage water on it	?	RU-1-9	RES 4								
95	2301669	Juanita Street, Port St John	VACANT-with drainage water on it	?	RU-1-9	RES 4								
96	2301879	6655 Carole Ave, Port St John	FIRE STATION 28 6655 CAROLE AVE PT ST JOHN	BCFR	GML	PIP		Flag Pole; 90-100'; Light/Banner Pole 80-100'		1			1	
97	2302695	1065 Barclay Drive, Port St John	FRIEDSHIP PARK 1065 BARCLAY DR-PT ST JOHN	North Parks Rec Maint	GML	RECREATION		Flag Pole; 80'; Light/Banner Pole 80'		1			1	
98	2315627	East of Haverhill Road, North of Fay Blvd.	ROAD RAW ABC VENTURES INC. Asse# 663218	Road & Bridge	RU19/BU1		Stormwater Pond Port St Johns	Slick Stick; 60-80'		1			1	
98	2319248	East of Haverhill Road, North of Fay Blvd.	RIGHT OF WAY YVES L. CLERC Asse# 663238	Road & Bridge	BU1		Stormwater/Retention & RW							
99	2319606	East of Haverhill Road, North of Fay Blvd.	vacant retention area	?	BU-1									
99	2301550	Albin Street, Port St John	vacant with drainage water on it	?	RU-1-9	RES		Slick Stick; 60'		1			1	
100	2315627	East of Haverhill Road, North of Fay Blvd.	ROAD RAW ABC VENTURES INC. Asse# 663218	Road & Bridge	RU19/BU1			Slick Stick; 60-80'		1			1	
100	2319248	East of Haverhill Road, North of Fay Blvd.	RIGHT OF WAY YVES L. CLERC Asse# 663238	Road & Bridge	BU1									
101	2315781	6650 North Highway 1, Port St John	NICOL PARK 6600 US1 PT ST JOHN	North Parks Rec Maint	GML		FRDAP	Flag Pole; 60-100'; Light/Banner Pole 60-100'	1				1	
101	2316081	6660 North Highway 1, Port St John	NICOL PARK 6600 US1 PT ST JOHN	North Parks Rec Maint	GML		FRDAP							
101	2316082	6650 North Highway 1, Port St John	BOAT RAMP US1 PT ST JOHN	North Parks Rec Maint	RU230									
101	2316083	6650 North Highway 1, Port St John	BOAT RAMP 6650 US1 PT ST JOHN	North Parks Rec Maint	GML									
101	2315781	6650 North Highway 1, Port St John	NICOL PARK 6600 US1 PT ST JOHN	North Parks Rec Maint	GML		FRDAP							
101	2316082	6650 North Highway 1, Port St John	BOAT RAMP US1 PT ST JOHN	North Parks Rec Maint	RU230									
102	2311070	6500 Carole Ave., Cocoa, South of Newport Street, Port St John	PT ST JOHN LB CAROLE AVE & NEWPORT-PT ST JOH	Library Services	GML	RECREATION	No known restrictions. Possibly sufficient room for a tower on property.	Flag Pole; 60-80'; Light/Banner Pole 60-80'	1				1	
103	2319260	East of Ila Terrace, South of Fay Blvd.	RETENTION ROAD RIGHT OF WAY	Road & Bridge	RU19		Fay Blvd Retention Pond	Slick Stick; 60'	1				1	

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Dept.	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
104	2319261	East of Iliia Terrace, South of Fay Blvd.	RETENTION ROAD RIGHT OF WAY	Road & Bridge	RU19		Fay Blvd Retention	Slick Stick; 60'	1				1	
105	2307036	6650 Carlo Road, Port St. John	PARK SITE HOGAN PLACE & CORTO PT ST JOHN Port St. John Comm. Ctr	North Parks Rec Maint	GML	RECREATION		Slick Stick; 60'	1				1	
106	2307037	6650 Carlo Road, Port St. John	PARK SITE HOGAN PLACE & CORTO PT ST JOHN Port St. John Comm. Ctr	North Parks Rec Maint	GML	RECREATION		Flag Pole; Light/Banner Pole 60'	1				1	
107	2310555	6315 Depot Road, Port St. John	FAY BLVD PARK-700 FAY BLVD PT ST JOHN	North Parks Rec Maint	GML			Flag Pole; Light/Banner Pole 60-80'	1				1	
108	2310243	6315 Depot Road, Port St. John	FAY BLVD PARK-700 FAY BLVD PT ST JOHN	North Parks Rec Maint	GML			Light/Banner Pole 60-80'	1				1	
	2310244	4910 Fay Blvd, Cocoa	VACANT	?	RU-1-9	RES		Slick Stick; 60' (s.f. lrd)	1				1	
	2310244	4930 Fay Blvd, Cocoa	VACANT	?	RU-1-9	RES								
	2310245	4950 Fay Blvd, Cocoa	VACANT	?	RU-1-9	RES								
109	2309932	4720 Ballern Street, Cocoa	VACANT	?	RP	RES 4		Slick Stick; 60' (s.f. lrd)	1				1	
	2309933	4710 Ballern Street, Cocoa	VACANT	?	RP	RES 4								
	2309934	4700 Ballern Street, Cocoa	VACANT	?	RP	RES 4								
	2319162	East of Adams Place, South of Fay Blvd.	ROAD RIGHT OF WAY ELCA LOAN FUND Asest#	Road & Bridge	RU-1-9	RES 4	Retention Pond Fay Blvd							
	2319247	East of Adams Place, South of Fay Blvd.	RIGHT OF WAY CHRISTIAN CHURCH OF PSJ INC. Asest# 653239	Road & Bridge	RU-1-9	RES 4	Retention Pond Fay Blvd							
110	2308625	Gayle Road and Deer Lane, Port St. John	PARK SITE IRVING RD & HOMESTEAD PT ST JOHN	North Parks Rec Maint	GML	RECREATION		Slick Stick; 60'	1				1	
111	2305833	East end of Edison Street, Port St. John	PARK SITE EDISON & HOMESTEAD PT ST JOHN	North Parks Rec Maint	GML	RECREATION		Slick Stick; 60-100' on eastern side of property	1				1	
	2306239	East end of Edison Street, Port St. John	PARK SITE EDISON & ANSWORTH PT ST JOHN	North Parks Rec Maint	GML	RECREATION								
112	2308192	East end of Edison Street, Port St. John	PARK SITE EMBER & S OF ELGIN PT ST JOHN	North Parks Rec Maint	GML	RECREATION		Slick Stick; 60'	1				1	
	2308192	Eaglewalk Ave and Elgin Road, Port St. John	PARK SITE HOMESTEAD & FISHERMAN PT ST JOHN	North Parks Rec Maint	GML	RECREATION		Slick Stick; 60'	1				1	
113	2305916	Homestead Ave and Flahterman Ln, Port St. John	PARK SITE HOMESTEAD & FISHERMAN PT ST JOHN	North Parks Rec Maint	GML	RECREATION		Slick Stick; 60'	1				1	
114	2305626	6300 Fay Boulevard, Port St. John	FAY LAKE PARK FAY BLVD PT ST JOHN	North Parks Rec Maint	GML(P)	RES		Monopole; 120' or Flag Pole 100' near garage on property	1				1	
	2312744	GoView Avenue, Port St. John	ROAD RIGHT OF WAY	?	GU	RES 1,2,5								
	2312726	6315 Depot Road, Port St. John	FAY LAKE PARK FAY BLVD PT ST JOHN	North Parks Rec Maint	GML(P)	RES 1								
	2312726	6315 Depot Road, Port St. John	FAY LAKE PARK FAY BLVD PT ST JOHN	North Parks Rec Maint	GML(P)	RES 1								
	2312726	6315 Depot Road, Port St. John	FAY LAKE PARK FAY BLVD PT ST JOHN	North Parks Rec Maint	GML(P)	RES 1								
115	2323737	West of I-95, North of Port St. John Road	PORT ST. JOHN WEST CONNECTOR DOBROWOLSKI	Public Works (Trans. Eng)	GU	RES 1,2,5	R/W Parish Port St John	Slick Stick; 60'		1			1	
117	2312880	West of I-95, South of Port St. John Road	Mitigation Canaveral Groves	Public Works	GU	RES 1,2,5	No legal access	Check Boundary		1			1	
116	2312266	East of I-95, North of Port St. John Road	RIGHT OF WAY ROAD Port St. John Connector	Road & Bridge	RU-1-11	RES	Retention Pond	Slick Stick; 60' (pond)	1				1	
117	2312197	West of Grissom Parkway, North of parish Medical Center no map available from Property Appraiser site	STORMWATER RETENTION POND PT ST JOHN	Public Works	GU	RES	Grissom Pond	Slick Stick; 60' (pond)		1			1	
118	2320605	On Grissom Hwy, Cocoa adjacent to 2312031	DRAINAGE EASEMENT MICHAEL P. & LORIL MELZER Asest# 653237	Road & Bridge	BU-1-A	RES	Appears to be drainage R/W			1			1	
119	2312032	On Grissom Hwy, Cocoa adjacent to 2312031	VACANT	?	GU	RES		Monopole; 120' or Slick Stick; 100'		1			1	
120	2312031	On Grissom Hwy, Cocoa adjacent to 2312032	VACANT-with part of pond on it	?	GU	RES		Monopole; 120' or Slick Stick; 100'		1			1	
2312033		East of Grissom Parkway, North of Camp Road	RETENTION POND P.S.J. PKY CANAVERAL PROP	Public Works	GU	RES	Grissom Pond							
2312034		East of Grissom Parkway, North of Camp Road	RETENTION POND P.S.J. PKY CANAVERAL PROP	Public Works	GU	RES	Grissom Pond							
2312050		East of Grissom Parkway, North of Camp Road	RETENTION POND P.S.J. PKY CANAVERAL PROP	Public Works	GU	RES	Grissom Pond							
2312053		East of Grissom Parkway, North of Camp Road	ROAD R/W JOHN C. MENSING	Road & Bridge	GU	RES	Grissom Retention Pond							

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Dept.	Zoning	Complan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
	2319190	East of Griescom Parkway, North of Camp Road	RETENTION POND P.S.I. PKY CANAVERAL PROP	Public Works (Trans. Eng)	GU	RES	Griescom Pond							
121	2311592	860 Camp Road, Sharpes	JAIL SITE 860 CAMP RD SHARPES. Partly vacant (large area north)	Facilities Maint	GML-H	RES 1		Monopole; 120' or Stick Stick; 100'		1			1	
	2311592	860 Camp Road, Sharpes	JAIL SITE 860 CAMP RD SHARPES. Partly vacant (large area north)	Facilities Maint	GML-H	RES 1								
	2311592	860 Camp Road, Sharpes	JAIL SITE 860 CAMP RD SHARPES. Partly vacant (large area north)	Facilities Maint	GML-H	RES 1								
	2311592	860 Camp Road, Sharpes	JAIL SITE 860 CAMP RD SHARPES. Partly vacant (large area north)	Facilities Maint	GML-H	RES 1								
	2311592	860 Camp Road, Sharpes	JAIL SITE 860 CAMP RD SHARPES. Partly vacant (large area north)	Facilities Maint	GML-H	RES 1								
	2311592	860 Camp Road, Sharpes	JAIL SITE 860 CAMP RD SHARPES. Partly vacant (large area north)	Facilities Maint	GML-H	RES 1								
	2311592	860 Camp Road, Sharpes	JAIL SITE 860 CAMP RD SHARPES. Partly vacant (large area north)	Facilities Maint	GML-H	RES 1								
	2311592	860 Camp Road, Sharpes	JAIL SITE 860 CAMP RD SHARPES. Partly vacant (large area north)	Facilities Maint	GML-H	RES 1								
	2311592	860 Camp Road, Sharpes	JAIL SITE 860 CAMP RD SHARPES. Partly vacant (large area north)	Facilities Maint	GML-H	RES 1								
	2311592	860 Camp Road, Sharpes	JAIL SITE 860 CAMP RD SHARPES. Partly vacant (large area north)	Facilities Maint	GML-H	RES 1								
	2311592	860 Camp Road, Sharpes	JAIL SITE 860 CAMP RD SHARPES. Partly vacant (large area north)	Facilities Maint	GML-H	RES 1								
	2311592	860 Camp Road, Sharpes	JAIL SITE 860 CAMP RD SHARPES. Partly vacant (large area north)	Facilities Maint	GML-H	RES 1								
	2311592	860 Camp Road, Sharpes	JAIL SITE 860 CAMP RD SHARPES. Partly vacant (large area north)	Facilities Maint	GML-H	RES 1								
	2311592	860 Camp Road, Sharpes	JAIL SITE 860 CAMP RD SHARPES. Partly vacant (large area north)	Facilities Maint	GML-H	RES 1								
	2311592	860 Camp Road, Sharpes	JAIL SITE 860 CAMP RD SHARPES. Partly vacant (large area north)	Facilities Maint	GML-H	RES 1								
122	2311520	7500 feet West of Griescom, South of Port St. John	SURFACE WTR PROJECT COCOA	Natural Resources	GU	SUBURBAN 1/1	Wetlands	Monopole; 120' or Stick Stick; 100'		1			1	
123	2310957	near Cedar Lake Drive, Port St. John	Mostly a pond. TAX DEED 95-44 R C COWAN MINNING CO.	A.M. Surplus	TR2			Stick Stick; 60'		1			1	
124	2323429	On Griescom Pkwy	VACANT-Odd shaped	?	GU	RES12.5		Stick Stick; 60' (looks like access easement)		1			1	
125	2300862	South of 528407 Interchange	VACANT-TAX DEED 95-42 MIL CORPORATION	A.M. Surplus	GU			Monopole; 199 or Stick Stick; 100'		1			1	
126	2300071	South of 528407 Interchange	VACANT-TAX DEED 95-39 IRENE A SANDERS	A.M. Surplus	GU			Monopole; 199 or Stick Stick; 100'		1			1	
	2300072	South of 528407 Interchange	VACANT-TAX DEED 95-40 IRENE A SANDERS	A.M. Surplus	GU			Monopole; 199 or Stick Stick; 100'		1			1	
127	2300074	South of 528407 Interchange	VACANT-TAX DEED 95-41 IRENE A SANDERS	A.M. Surplus	GU			Monopole; 199 or Stick Stick; 100'		1			1	
128	2400156	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Stick Stick; 100'		1			1	
129	2400159	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Stick Stick; 100'		1			1	
	2400160	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Stick Stick; 100'		1			1	
	2400162	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Stick Stick; 100'		1			1	
131	2400163	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Stick Stick; 100'		1			1	
132	2400101	South of 528407 Interchange	VACANT-TAX DEED 95-60 MIL CORPORATION	A.M. Surplus	GU	RES		Monopole; 199 or Stick Stick; 100'		1			1	
	2400102	South of 528407 Interchange	VACANT-TAX DEED 95-61 MIL CORPORATION	A.M. Surplus	GU	RES		Monopole; 199 or Stick Stick; 100'		1			1	
	2400133	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Stick Stick; 100'		1			1	
	2400134	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Stick Stick; 100'		1			1	
133	2400135	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Stick Stick; 100'		1			1	
	2400136	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Stick Stick; 100'		1			1	
134	2400105	South of 528407 Interchange	VACANT-TAX DEED 95-62 S N SANTA MARIA	A.M. Surplus	GU	RES	wetlands	Monopole; 199 or Stick Stick; 100'		1			1	
	2400106	South of 528407 Interchange	VACANT-TAX DEED 95-63 S N SANTA MARIA	A.M. Surplus	GU	RES	wetlands	Monopole; 199 or Stick Stick; 100'		1			1	
	2400137	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Stick Stick; 100'		1			1	
	2400139	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Stick Stick; 100'		1			1	
135	2400139	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Stick Stick; 100'		1			1	
	2400140	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Stick Stick; 100'		1			1	

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation, Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Dept.	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
136	2400109	South of 528/407 Interchange	VACANT-TAX DEED 95-64 MIL CORPORATION	A.M. Surplus	GU	RES		Monopole, 199 or Stick Stick; 100'			1			1
	2400110	South of 528/407 Interchange	VACANT-TAX DEED 95-65 MIL CORPORATION	A.M. Surplus	GU	RES								
	2400141	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
	2400142	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
137	2400111	South of 528/407 Interchange	VACANT-TAX DEED 95-66 MIL CORPORATION	A.M. Surplus	GU	RES		Monopole, 199 or Stick Stick; 100'			1			1
	2400112	South of 528/407 Interchange	VACANT-TAX DEED 95-68 MIL CORPORATION	A.M. Surplus	GU	RES								
	2400143	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
	2400144	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands				1			1
138	2400113	South of 528/407 Interchange	VACANT-TAX DEED 95-69 MIL CORPORATION	A.M. Surplus	GU	RES		Monopole, 199 or Stick Stick; 100'						
	2400114	South of 528/407 Interchange	VACANT-TAX DEED 95-70 MIL CORPORATION	A.M. Surplus	GU	RES								
	2400145	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands				1			1
139	2400115	South of 528/407 Interchange	VACANT-TAX DEED 95-71 MIL CORPORATION	A.M. Surplus	GU	RES		Monopole, 199 or Stick Stick; 100'						
	2400116	South of 528/407 Interchange	VACANT-TAX DEED 95-71 MIL CORPORATION	A.M. Surplus	GU	RES								
140	2400169	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole, 199 or Stick Stick; 100'			1			1
	2400170	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
141	2400171	South of 528/407 Interchange	VACANT	?	GU	RES		Monopole, 199 or Stick Stick; 100'			1			1
	2400172	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
	2400199	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
	2400200	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
142	2400173	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole, 199 or Stick Stick; 100'			1			1
	2400174	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
	2400201	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
	2400202	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
143	2400175	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole, 199 or Stick Stick; 100'			1			1
	2400176	South of 528/407 Interchange	VACANT	?	GU	RES								
	2400203	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
	2400204	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
144	2400177	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole, 199 or Stick Stick; 100'			1			1
	2400205	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
	2400206	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
145	2400207	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole, 199 or Stick Stick; 100'			1			1
	2400208	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
146	2400209	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole, 199 or Stick Stick; 100'			1			1
	2400215	South of 528/407 Interchange	VACANT-TAX DEED 95-72 TELLES D'ARCELLE	A.M. Surplus	GU	RES		Monopole, 199 or Stick Stick; 100'			1			1
147	2400216	South of 528/407 Interchange	VACANT-TAX DEED 95-73 TELLES D'ARCELLE	A.M. Surplus	GU	RES		Monopole, 199 or Stick Stick; 100'			1			1
148	2400217	South of 528/407 Interchange	VACANT-TAX DEED 95-74 TELLES D'ARCELLE	A.M. Surplus	GU	RES		Monopole, 199 or Stick Stick; 100'			1			1
	2400218	South of 528/407 Interchange	VACANT-TAX DEED 95-75 TELLES D'ARCELLE	A.M. Surplus	GU	RES								
149	2400221	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole, 199 or Stick Stick; 100'			1			1
	2400222	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
150	2400223	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole, 199 or Stick Stick; 100'			1			1
	2400224	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							
151	2400225	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands	Monopole, 199 or Stick Stick; 100'			1			1
	2400226	West of 528, East of St. John River	VACANT-CAPE CANV, REALTY-CANV, GROVES	Natural Resources	GU	RES	wetlands							

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Dept.	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
152	2400227	West of 528, East of St. John River	VACANT-CAPE CANV. REALTY-CANV. GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Slick Stick; 100'			1			1
153	2400228	West of 528, East of St. John River	VACANT-CAPE CANV. REALTY-CANV. GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Slick Stick; 100'			1			1
154	2400230	West of 528, East of St. John River	VACANT-CAPE CANV. REALTY-CANV. GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Slick Stick; 100'			1			1
155	2400231	West of 528, East of St. John River	VACANT-CAPE CANV. REALTY-CANV. GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Slick Stick; 100'			1			1
156	2400232	West of 528, East of St. John River	VACANT-CAPE CANV. REALTY-CANV. GROVES	Natural Resources	GU	RES	wetlands	Monopole; 199 or Slick Stick; 100'			1			1
157	2400012	South of 528/407 interchange	VACANT-TAX DEED 95-59 MADOLYN B BIDWELL	A.M. Surplus	GU	RES		Monopole; 199 or Slick Stick; 100'			1			1
158	2313323	South of 528/407 interchange	VACANT-TAX DEED 95-48 THOMAS C PHILLIPS	A.M. Surplus	GU	RES 1		Monopole; 199 or Slick Stick; 100'			1			1
159	2313354	South of 528 (south of SR 407 & 528 interchange)	VACANT-TAX DEED 95-49 ROBERT SINCLAIR	A.M. Surplus	GU	RES 1		Monopole; 199 or Slick Stick; 100'			1			1
160	2313357	East of SR 528, South of Challenger Memorial Parkway	VACANT-ESHEATED TAX DEED 92-4 PAUL SHAUT	Facilities Maint	GU	RES 1		Monopole; 199 or Slick Stick; 100'			1			1
161	2313438	South of 528/407 interchange	RIGHT OF WAY KENNETH & BETTY GOLDMAN	Public Works (Trans. Eng)	GU	RES 1	No access	Monopole 120'	1				1	
162	2313462	South of 528/407 interchange	VACANT-TAX DEED 95-50 BYRON R McCLEAN	A.M. Surplus	GU	RES 1		Monopole; 199 or Slick Stick; 100'			1			1
163	2313463	South of 528/407 interchange	VACANT-TAX DEED 95-52 MIL CORPORATION	A.M. Surplus	GU	RES 1		Monopole; 199 or Slick Stick; 100'			1			1
164	2313464	South of 528/407 interchange	VACANT-TAX DEED 95-53 MIL CORPORATION	A.M. Surplus	GU	RES 1								
165	2313465	South of 528/407 interchange	VACANT-TAX DEED 95-54 MIL CORPORATION	A.M. Surplus	GU	RES 1								
166	2313466	South of 528/407 interchange	VACANT-TAX DEED 95-55 MIL CORPORATION	A.M. Surplus	GU	RES 1								
167	2402357	Northwest of Beachline, West of I-95	VACANT-TAX DEED 95-56 JOSEPHINE PATANE	A.M. Surplus	GU	RES 1		Monopole; 199 or Slick Stick; 100'			1			1
168	2402352	West of I-95, North of SR 528	VACANT-TAX DEED 95-51 MIL CORPORATION	A.M. Surplus	GU	RES 1		Monopole 120'	1					1
169	2402359	South of 528 (south of SR 407 & 528 interchange)	VACANT-RETENTION MITIGATION BOWLY & TROTTER	Public Works (Trans. Eng)	GU	RES 1	Access?	Monopole 120'	1					1
170	2402717	West of I-95, Southwest of 528 adjacent to 2402718	VACANT-TAX DEED 95-77 FRED GUARINA	Facilities Maint	GU	RES 1		Monopole; 199 or Slick Stick; 100'			1			1
171	2402741	West of I-95, Southwest of 528 adjacent to 2402742	VACANT-TAX DEED 95-78 FRED GUARINA	A.M. Surplus	GU	AGRIC								
172	2402742	West of I-95, Southwest of 528 adjacent to 2402743	VACANT-TAX DEED 95-79 MICHAEL PAUL VENUS	A.M. Surplus	GU	AGRIC								
173	2402743	West of I-95, Southwest of 528 adjacent to 2402744	VACANT-TAX DEED 95-80 MICHAEL PAUL VENUS	A.M. Surplus	GU	AGRIC								
174	2402744	West of I-95, Southwest of 528 adjacent to 2402745	VACANT-TAX DEED 95-81 MICHAEL PAUL VENUS	A.M. Surplus	GU	AGRIC								
175	2402950	South of 528/407 interchange	VACANT-TAX DEED 95-82 MICHAEL PAUL VENUS	A.M. Surplus	GU	AGRIC								
176	2402951	South of 528/407 interchange	VACANT-TAX DEED 95-83 MICHAEL PAUL VENUS	A.M. Surplus	GU	AGRIC								
177	2402848	West of I-95, Southwest of 528	TAX DEED 95-83 GRACE P WELLE	A.M. Surplus	GU	AGRIC		Monopole; 199 or Slick Stick; 100'			1			1
178	2402849	West of I-95, Southwest of 528	VACANT-TAX DEED 95-76 CHESTER & HELEN SULLIVAN	A.M. Surplus	GU	AGRIC		Monopole; 199 or Slick Stick; 100'			1			1
179	2402442	Canaveral Groves Subd - South of 528	VACANT-CANAVERAL GROVES McMILLIAN - behind residential homes	Facilities Maint	RR-1	RES 12.5		Monopole; 120' or Slick Stick; 100' on parcels adjacent to or across from single family residential		1			1	
180	2314391	Vacant land West of Grissom	PT ST. JOHN WATER LINE	Utility Services	GML	PUB	None that they are aware of.	Monopole 120'		1				1
181	2314391	Vacant land West of Grissom	PT ST. JOHN WATER LINE	Utility Services	GML	PUB	None that they are aware of.	Monopole 120'		1				1
182	2314577	West of Grissom Parkway, North of Percepsia Lane	ROAD RW WILLIAM R. & GAIL E. LAUTER Asset #953325	Road & Bridge	GU		Remainder Parcel of Grissom Rd - Vacant Land	Monopole; 120' or Slick Stick; 100'		1				1

No Fill = Breverd owned sites within Breverd County zoning jurisdiction
 Gray Fill = Breverd County owned sites outside Breverd County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Dept.	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
176	2314877	4655 Nicole Ave, Cocoa	RETENTION POND N OF SHARPES RD SHARPES	Road & Bridge	GML		Stormwater Retention Pond (Private Subdivision)	Slick Stick; 60' (pond)		1			1	
177	2317686	662 Canaveral Groves Boulevard, Sharpes	OFFROAD VEHICLE PARK-COLUMBINE DR-W OF RB-SH	North Parks Rec Maint	GML	PUB		Monopole; 120' or Slick Stick; 100'		1			1	
178	2317686	662 Canaveral Groves Boulevard, Sharpes	OFFROAD VEHICLE PARK-COLUMBINE DR-W OF RB-SH	North Parks Rec Maint	GML	PUB		Monopole; 120' or Slick Stick; 100'		1			1	
179	2314835	662 Canaveral Groves Boulevard, Sharpes	OFF RD VEHICLE PARK-000 CANAVERAL GROVES BLVD	North Parks Rec Maint	GML	REC		Flag Pole; Light Stanchion; or Light/Banner Pole 60-80'		1			1	
	2314855	662 Canaveral Groves Boulevard, Sharpes	OFF ROAD VEHICLE PARK CANV. GRVS BLVD	North Parks Rec Maint	GML									
180	2401424	4765 West Little Court, Cocoa	PARK SITE-LAKE WILSON 4765 W LITTLE CT CANV. GROVE	North Parks Rec Maint	GML	PUB		Monopole; 120' or Slick Stick; 100'	1				1	
181	2401279	3950 Canaveral Groves Blvd 32226	FIRE STATION 29	BCFR	GML	RES		Flag Pole; Light/Banner Pole 60'	1				1	
182	2314713	West of Grissom Parkway, South of Camp Road	ROAD RW CANAVERAL GROVES INC. Asses# 653216	Road & Bridge	GU		Grissom RW (Remainder Parcel)	Slick Stick; 100-120'	1				1	
	2318388	West of Grissom Parkway, South of Camp Road	RETENTION ROAD RIGHT OF WAY	Road & Bridge	GU		Grissom Rd Retention Pond							
	2319389	West of Grissom Parkway, South of Camp Road	RETENTION POND FRANK AND ANN TASTINGER Asses# 653145	Road & Bridge	GU		Grissom Rd Retention Pond							
183	2314793	East of Grissom, South of Camp Road	ROAD RW HAROLD & ELIZABETH SHULTZ Asses# 653219	Road & Bridge	GU		Grissom RW (Remainder Parcel)	Slick Stick; 100-120'	1				1	
	2314794	West of Grissom Parkway, South of Camp Road	vacant	?	GU									
184	2406811	Canaveral Blvd. and Grissom Intersection	RIGHT OF WAY GRISSOM RD. HWY DEVELOPMENT Asses# 653155	Public Works (Trans. Eng)	GU	RES	Grissom Rd RW	Slick Stick; 60'	1				1	
185	2406607	East of F-95, South of Canaveral Groves Blvd.	ROAD RIGHT OF WAY GRISSOM ALLEN G. KELLERMAN Asses# 653235	Road & Bridge	GU	URS FRINGE 4/1	Grissom Rd RW (Remainder)	Slick Stick; 60-80'	1				1	
	2406610	East of F-95, South of Canaveral Groves Blvd.	ROAD RIGHT OF WAY GRISSOM ALLEN G. KELLERMAN Asses# 653235	Road & Bridge	GU	URS FRINGE 4/1	Grissom Rd RW (Remainder)							
186	2110256	1 A Max Brewer Memorial Parkway, Titusville	PARRISH PARK-SR402 TITUSVILLE	North Parks Rec Maint	NONE			Flag Pole; Light/Banner Pole 60'	1				1	
187	2316196	north end of Black Oak Court	PNE IS CONSERVATION SUDDATH	Natural Resources	GU	SUBURBAN 1/1	wetlands	Monopole; 120' or Slick Stick; 100'					1	
188	2315173	West end of Pine Island Road	NORTH M.L. STORMWATER	Natural Resources	AU	SUBURBAN 1/1	wetlands	Monopole; 120' or Slick Stick; 100'					1	
189	2316596	285 Hallamson Drive, Merritt Island	vacant	?	TR-2	RES		Slick Stick; 60'					1	
190	2316288	6400 N Tropical Trail Merritt Island Parkway	FIRE STATION #40 COURTNEY M.L. CRISSAFULLI Asses#653149	BCFR	GML	PUBLIC FACILITY		Flag Pole; Light/Banner Pole 60'					1	
191	2318870	East of Courtney Parkway, South of Courtney Lane	ROAD RIGHT OF WAY TONY AND RUTH CRISSAFULLI Asses#653149	Road & Bridge	AU	RES	Conservation	Monopole; 120' or Slick Stick; 100'					1	
192	2316603	South of D'Albora Road, West of Floyd Lane	Road Right of way for D'Albora Road Asses# 661988	Road & Bridge	PIP	PIP	Road RW - D'Albora Rd	Slick Stick; 60'	1				1	
193	2319256	Near to Tropical Trail North Hammock Road	Vacant- Long triangle shaped	?	EU			Slick Stick; 60'					1	
194	2318814	East of Courtney Parkway, South of Hammock Road	Road RW James S. Tharpe Asses#663213	Road & Bridge	BU1/AU	MIXED USE 2/1	Stormwater Pond N. Courtney Pkwy	Slick Stick; 60' (pond)	1				1	
195	2318652	995 Chase Hammock Road-M.I.	Kings Park 1000 Hill Rd -M I	Cent Rec Maint	GML	REC		Monopole; 120' or Slick Stick; 100'		1			1	
2318746	995 Chase Hammock Road-M.I.	Kings Park 1000 Hill Rd -M I	Kings Park 1000 Hill Rd -M I	Cent Rec Maint	GML	RECREATION								
2318691	995 Chase Hammock Road-M.I.	Kings Park 1000 Hill Rd -M I	Kings Park 1000 Hill Rd -M I	Cent Rec Maint	GML	REC								
2318681	995 Chase Hammock Road-M.I.	Kings Park 1000 Hill Rd -M I	Kings Park 1000 Hill Rd -M I	Cent Rec Maint	GML	REC								
2410509	575 West Hill Road - M.I.	Mitchell Ellington Park	Mitchell Ellington Park	Cent Rec Maint	AU	RES 4	FRDAP/LWCF	Flag Pole; Light Stanchion; or Light/Banner Pole 60-80'		1			1	
2410509	575 West Hill Road - M.I.	Mitchell Ellington Park	Mitchell Ellington Park	Cent Rec Maint	AU	RES 4	FRDAP/LWCF							
2410509	575 West Hill Road - M.I.	Mitchell Ellington Park	Mitchell Ellington Park	Cent Rec Maint	AU	RES 4	FRDAP/LWCF							
2410509	575 West Hill Road - M.I.	Mitchell Ellington Park	Mitchell Ellington Park	Cent Rec Maint	AU	RES 4	FRDAP/LWCF							
2410509	575 West Hill Road - M.I.	Mitchell Ellington Park	Mitchell Ellington Park	Cent Rec Maint	AU	RES 4	FRDAP/LWCF							
2410509	575 West Hill Road - M.I.	Mitchell Ellington Park	Mitchell Ellington Park	Cent Rec Maint	AU	RES 4	FRDAP/LWCF							

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation, Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Department	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
200	2403235	South of 526 West of I-95, NW of Cocoa Landfill	vacant	?	GU	RES 1		Monopole 120'		1			1	
201	2442060	Between 526 and 524, near Westminster Dr.	Vacant - near COCOA WOODS SUBDIVISION	?	RR-1			Slick Stick 60' or DAS 25'	1				1	
202	2442061	Between 526 and 524, near Westminster Dr.	Vacant - near COCOA WOODS SUBDIVISION	?	RR-1			Slick Stick 60' or DAS 25'	1				1	
203	2442062	Between 526 and 524, near Westminster Dr.	Vacant - near COCOA WOODS SUBDIVISION	?	RR-1			Slick Stick 60' or DAS 25'	1				1	
204	2454526	North Road, Cocoa	PARKWAY DEVELOPMENT	Central Parks Rec Maint	GML	REC		Slick Stick 60' or DAS 25'	1				1	
205	2414225	West of US-1 north of 526 (filler of land near off-ramp to Industry Rd)	Vacant ESHEATED TAX DEED 92-8 RICHARD TENZEL	Facilities	M2	IND				0			0	
206	2406119	2065 Glassen Ave., Cocoa, FL 32926	ADAMSON ROAD FILL FRAZIER	Solid Waste	ARR	RES 1	No Potable Wells Allowed	Monopole 120'			1		1	
207	2406120	Just West of Cocoa Landfill, West of I-95	VACANT	?	GU	RES 1							1	
208	2406123	Between Landfill & Glassen, near Dyon	ADAMSON ROAD FILL PAUL NICHOLLS	Solid Waste	GU	RES 1	No Potable Wells Allowed	Monopole 120'			1		1	
209	2406265	8190 West Highway 520, Cocoa	CENTRAL DISPOSAL FACILITY HILTON	Solid Waste	GU	RES 1	No Potable Wells Allowed	Monopole 120'			1		1	
210	2406673	7575 West Highway 520, Cocoa	STOSBERG PARK-8190 SR520 COCOA	Central Parks Rec Maint	GML		LWCF	Monopole 189'			1		1	
211	2406965	7575 West Highway 520, Cocoa	F BURTON SMITH PARK COCOA-7575 W SR520	Central Parks Rec Maint	GML		LWCF	Monopole 199'			1		1	
212	2406965	7575 West Highway 520, Cocoa	F BURTON SMITH PARK COCOA-7575 W SR520	Central Parks Rec Maint	GML		LWCF	Monopole 199'			1		1	
213	2406965	7575 West Highway 520, Cocoa	F BURTON SMITH PARK COCOA-7575 W SR520	Central Parks Rec Maint	GML		LWCF	Monopole 199'			1		1	
214	2406965	7575 West Highway 520, Cocoa	F BURTON SMITH PARK COCOA-7575 W SR520	Central Parks Rec Maint	GML		LWCF	Monopole 199'			1		1	
215	2406965	7575 West Highway 520, Cocoa	F BURTON SMITH PARK COCOA-7575 W SR520	Central Parks Rec Maint	GML		LWCF	Monopole 199'			1		1	
216	2406936	320 Cox Road, Cocoa	VACANT Part of Retention pond, corner of Cox Rd and King Street W.	?	IJ	CC		Slick Stick 60' or DAS 25'		1			1	
217	2407607	SR 520 and Cox Road Intersection	LAKE DRIVE DRAINAGE WEISS PARCEL	Public Works	IJ	CC		Slick Stick 60' or DAS 25'					1	
218	2407590	East of Cox Road, North of Lake Drive	R&B 3850 LAKE DR COCOA	Natural Resc	RU210	CC		Monopole 120' or Slick Stick 60'		1			1	
219	2407590	East of Cox Road, North of Lake Drive	R&B 3850 LAKE DR COCOA	Road & Bridge	GML									
220	2407590	East of Cox Road, North of Lake Drive	R&B 3850 LAKE DR COCOA	Road & Bridge	GML									
221	2407590	East of Cox Road, North of Lake Drive	R&B 3850 LAKE DR COCOA	Road & Bridge	GML									
222	2407634	Near 3802 Lake Drive, Cocoa	LAKE DRIVE DRAINAGE COUNTRY OAKS LLC	Natural Resc	RU-1-9	RES 15		Monopole 120' or Slick Stick 60'		1			1	
223	2407634	472 Grey Rd, Cocoa	LAKE DRIVE DRAINAGE WEISS PARCEL	Natural Resc	RU-2-8	NC	Wetlands, SW ditch	Monopole 120' or Slick Stick 60'		1			1	
224	2500049	Between I-95 and Mullet Ln, South of Pluckbaum Rd (East of Lake Peninsula)	VACANT DISTRICT 4	Facilities Maint	GU	RES 2		Monopole 120'			1		1	
225	2421045	Sliver of land next to railroad, West of US-1, off Highland Dr, West	VACANT TAX DEED 95-98 CHARLES E REED	Asset Mgt	CW	COMMERCIAL				0			0	
226	2421063	840 Forrest Avenue, Cocoa	CENTRAL PARK ADM OFFICE	Comm Rec Ops	CN	COM				0			0	
227	2425361	308 Forrest Avenue, Cocoa/West of Indian River Drive, Cocoa	CENTRAL LIBRARY COMPLEX 308 FORREST COCOA	Library Svcs	CC/RU228	COMM/HIGH DEN	No known restrictions, but property within Cocoa city limits insufficient room for a tower.			0			0	
228	2425361	Parking lot behind 308 Forrest Avenue/West of Forrest Avenue, Cocoa	CENTRAL LIBRARY COMPLEX 308 FORREST COCOA	Library Svcs	CC/RU228	COMM/HIGH DEN	No known restrictions, but property within Cocoa city limits insufficient room for a tower on property.			0			0	

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagator Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Department	Zoning	Comp Plan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Week Coverage	Coastal	Urban	Rural
225	2500310	West of Lake Poinsette, South of 520	VACANT TAX DEED 95-02 E.H. MESMER, L. BACLEY	Asset Mgt	GU	RES		Monopole 19'			1			1
226	2500544	West of Lake Poinsette, South of 520	VACANT TAX DEED 95-03 BARBARA ADAMS	Asset Mgt	GU	RES		Monopole 19'			1			1
227	2500860	South West of Lake Poinsette, South of 520	VACANT HANNAH WAGNER (TAX DEED 92-128)	Asset Mgt	GU	RES		Monopole 19'			1			1
228	2500862	South West of Lake Poinsette, South of 520	VACANT HANNAH WAGNER (TAX DEED 92-128)	Asset Mgt	GU	RES		Monopole 19'			1			1
229	2500863	South West of Lake Poinsette, South of 520	VACANT HANNAH WAGNER (TAX DEED 92-127)	Asset Mgt	GU	RES		Monopole 19'			1			1
230	2500817	South West of Lake Poinsette, South of 520	VACANT ELKIN PROP (ESCHEATED TAX DEED 92-115)	Asset Mgt	GU	RES		Monopole 19'			1			1
		SW of Lake Poinsette, south of 520	Vacant ESHEATED TAX DEED 92-43 ELKIN PROP, INC.	Housing & Human Svcs			Flood, Wet, Road Access							
		SW of Lake Poinsette, south of 520	Vacant ESHEATED TAX DEED 92-44 ELKIN PROP, INC.	Housing & Human Svcs			Flood, Wet, Road Access							
231	2500818	South West of Lake Poinsette, South of 520	VACANT ELKIN PROP (ESCHEATED TAX DEED 92-119)	Asset Mgt	GU	RES					1			1
232	2500819	South West of Lake Poinsette, South of 520	VACANT ELKIN PROP (ESCHEATED TAX DEED 92-120)	Asset Mgt	GU	RES								
		SW of Lake Poinsette, south of 520	Vacant ESHEATED TAX DEED 92-45 ELKIN PROP, INC.	Housing & Human Svcs			Flood, Wet, Road Access							
		SW of Lake Poinsette, south of 520	Vacant ESHEATED TAX DEED 92-46 ELKIN PROP, INC.	Housing & Human Svcs			Flood, Wet, Road Access							
232	2500820	South West of Lake Poinsette, South of 520	VACANT ELKIN PROP (ESCHEATED TAX DEED 92-121)	Asset Mgt	GU	RES					1			1
		SW of Lake Poinsette, south of 520	Vacant ESHEATED TAX DEED 92-47 ELKIN PROP, INC.	Housing & Human Svcs			Flood, Wet, Road Access							
		SW of Lake Poinsette, south of 520	Vacant ESHEATED TAX DEED 92-48 ELKIN PROP, INC.	Housing & Human Svcs			Flood, Wet, Road Access							
233	2500822	South West of Lake Poinsette, South of 520	VACANT ELKIN PROP (ESCHEATED TAX DEED 92-123)	Asset Mgt	GU	RES					1			1
		South West of Lake Poinsette, South of 520	VACANT ELKIN PROP (ESCHEATED TAX DEED 92-124)	Asset Mgt	GU	RES								
234	2502220	1219 Rockledge Drive, Cocoa	WILLIAMS PARK ROCKLEDGE DR COCOA	Central Parks Rec Maint	R1	LDR			1		0			0
235	2509820	Storm Pond, 2000 Silver Pines Dr., MI	LIFT STA W9 MARTHA LEE AVE ROCKLEDGE	Utility Svcs	RU111		None that they are aware of.	Monopole 120' or Slick Stick 60'						1
2509822		Lift Sta W09 2300 Silver Pines Dr., MI	SILVER PINES STP ROCKLEDGE	Utility Svcs	GML		None that they are aware of.							
2509926		1515 Martin Road	SURFACE WTR IMPROVEMENT POND ROCKLEDGE	Natural Resc	AU		SW pond							
2524563		1515 Martin Road	SURFACE WTR IMP. FISKE AREA POND	Natural Resc	RU111		SW Pond							
2559978		1045 Noreen Boulevard, M.I.	SILVER PINES PARK, NOREEN & LEE-ROCKLEDGE	Central Parks Rec Maint	GML	REC		Flag Pole or Slick Stick 60'	1					1
2539407		340 GUS HIPP BLVD., ROCKLEDGE 32955	NOT VACANT - SHERIFF'S DEPARTMENT CSI OFFICE	Facilities Maint						0				0
2539459		Off Gus Hipp Blvd, behind Sheriff CSI office	Vacant Behind SHERIFFS DEPARTMENT CSI OFFICE	Facilities Maint	IP	IND								
2510579		800 Barnes Blvd, Rockledge	BARNES BLVD WIDENING WOODHOUSE	Public Wks	C2	MED DEN RES	R/W (Woodhouse) Barnes Blvd		3					0
2510595		Off Barnes Blvd, East of I-95 between I-95 and I-495	VACANT	?	C2	MIX/D7			0					0
2510602		Off Barnes Blvd, East of I-95 between I-95 and I-495	VACANT	?	C2	MIX/D7								
2510603		2510595 and 2510602	VACANT	?	C2	MIX/D7								
2556758		East of Fiske Blvd., South of Barnes Blvd	ROAD RIGHT-OF-WAY BARNES BOULEVARD PULTE HOME	Public Wks	C2	MIX/D7	R/W			0				0
2556759		East of Fiske Blvd., South of Barnes Blvd	DRAINAGE EASEMENT BARNES BOULEVARD PULTE HOME	Public Wks	C2	MIX/D7	R/W			0				0
2511042		East of Murrell Road, North of Barnes Blvd	BARNES BOULEVARD WAREHOUSE SIMMONS	Public Wks	M1	IND	East Pond Barnes	Monopole 120' or Slick Stick 60'		1				1
2534196		Between I-95 and Stadium Pkwy Viera	NOT VACANT - in SANOMA S. Subdivision, Tract 1 Wastewater pump station facilities area	?	PUD	DRZ		DAS Type Facility 25'	1					1

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Department	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
2601556	2601556	West of US-1, North of Suntree Blvd, adjacent to 2601557	vacant, with part of pond on it. Next to Railroad tracks	?	GU									
2601557	2601557	West of US-1, North of Suntree Blvd, adjacent to 2601556	vacant, with part of pond on it. Next to Railroad tracks	?	GU									
2617718	2617718	West of US-1, North of Suntree Blvd	ROAD R/W/RETENTION - Split parcel - RITE AID OF FLORIDA	?Road & Bridge	BU-2									
2601539	2601539	6495 Highway 1, Rockledge	ROAD R/W/RETENTION - Split parcel - RITE AID OF FLORIDA	?Road & Bridge	BU-2									
2602738	2602738	400 Pineda Court Melbourne 32940	ROTARY PARK AT SUNTREE-4948 S US1, MELB.	S Area Parks Rec Maint	GML			Slick Slick 60 - 100'		1			1	
2605990	2605990	6775 North Highway 1, Melbourne	FIRE STATION 80 400 PINEDA CT MELB	BCFR	PUD			Monopole 120' or Slick Pole 100'		1				1
2605968	2605968	6597 North Highway 1, Melbourne	PARK SITE (EVANS) 6775 US1 MELBOURNE	S Area Parks Rec Maint	GML			Monopole 120' or Slick Slick 100'		1				1
2605029	2605029	902 Jordan Blass Drive, Melbourne 32940/West of Wickham Road, Melbourne	FLOWER POINT 6897 US1 COCOA	S Area Parks Rec Maint	RU-2-10	NC		Slick Slick 60 - 100'		1				1
2605039	2605039	5920 N Wickham Road, Melbourne 32940,	SUNTREE LIBRARY SUNTREE	Library Sics	GML	PUB	No known restrictions. Sufficient room for a tower on property.	Monopole 120' or Slick Slick 100'		1				1
2605040	2605040	5980 N Wickham Road, Melbourne 32940,	vacant - split parcel, north parcel has part of pond	?	AU			Slick Slick 60 - 100'		1				1
2614273	2614273	West of Wickham Road, North of Pineda Cswy, Melbourne	vacant with part of pond on it	?	AU									
2606133	2606133	5985 North Highway 1, Melbourne	vacant with pond on it- RETENTION AREA	?	AU									
2606133	2606133	5995 North Highway 1, Melbourne	PINDEA ING PARK 5995 US1 MELBOURNE	S Area Parks Rec Maint	GML	CC		Slick Slick 60 - 100'		1				1
2606132	2606132	5995 North Highway 1, Melbourne	PINDEA ING PARK 5995 US1 MELBOURNE	S Area Parks Rec Maint	GML	CC								
2606132	2606132	North of Pineda Cswy, East of Wickham Rd	vacant - split parcel (split by Pineda Cswy)	?	BU-1	CC		Monopole 120'		1				1
2622565	2622565	South of Pineda Cswy, East of Wickham Rd	vacant - split parcel (split by Pineda Cswy)	?	BU-1	CC		Monopole 120'		1				1
2609947	2609947	Near Pineda Causeway and Wickham Causeway	lift station	?	BU-1	MIX								
2625665	2625665	Each side of Pineda near Wickham	TROPICAL SPLASH CAR WASH	Public Wks	BU-1	CC	Conservation Area	Monopole 120'		1				1
2614294	2614294	West of Wickham Road, North of Business Center Blvd	vacant - RETENTION AREA	?	GU	NC								
2609861	2609861	Long Leaf Drive, West of Wickham	vacant - RETENTION AREA	?	BU-2	IND		Monopole 120' or Slick Slick 100'		1				1
2631202	2631202	4690 N Wickham Rd (on Sigbird, Melbourne	vacant / drainage	?	C1	COM	None that they are aware of.	Monopole 120' or Slick Slick 100'		1				1
2605438	2605438	4690 N Wickham Rd (on Sigbird, Melbourne	FLEET/R&B 4690 N WICKHAM RD MELB	Road & Bridge	RTB	LDR		Slick Slick 60 - 100'		1				1
2605438	2605438	4690 N Wickham Rd (on Sigbird, Melbourne	FLEET/R&B 4690 N WICKHAM RD MELB	Road & Bridge	GML	PUB		Slick Slick 60 - 100'		1				1
2605075	2605075	West of Wickham Road, South of Pineda, Melbourne	FLEET/R&B 4690 N WICKHAM RD MELB	Road & Bridge	GML	PUB								
2623428	2623428	Savgrass at Suntree Phase Two	vacant - RETENTION AREA	?	PUD			Slick Slick 60 or DAS 25'		1				1
2619565	2619565	Lake Andrew Blvd, Right of Way	LOW EXTENSION SIGNALS	?Road & Bridge	PUD	RES 15		Slick Slick 60' or DAS 25'		1				1
2627450	2627450	Birbane Isle Phase One	LOW EXTENSION SIGNALS	?Road & Bridge	PUD	RES 15		DAS 25'		1				1
2623256	2623256	East of I-95, North of Pineda Causeway	PINEDA CAUSEWAY EXTENSION AZAN TEMPLE (CELL T	TRANS ENG	AU	RES 15	CELLTY	DAS 25'		1				1
2623256	2623256	East of I-95, North of Pineda Causeway	PINEDA CAUSEWAY EXTENSION AZAN TEMPLE (CELL T	TRANS ENG	AU	RES 15	BILLBO							
2605088	2605088	North-east Corner of I-95 and Pineda Cswy	vacant - split parcel - larger piece	?	AU	RES 15		Monopole 120'		1				1
2631481	2631481	Pineda Causeway near I-95	vacant	?	AU	RES 15								
2623256	2623256	East of I-95, North of Pineda Causeway	PINEDA CAUSEWAY EXTENSION AZAN TEMPLE (CELL T	TRANS ENG	AU	RES 15								
2623256	2623256	East of I-95, North of Pineda Causeway	PINEDA CAUSEWAY EXTENSION AZAN TEMPLE (CELL T	TRANS ENG	AU	RES 15								
2625190	2625190	Pineda Causeway Near I-95	retention pond (mostly)	?	RU-1-7	RES 15		Slick Slick 60' or DAS 25'		1				1

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Department	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
284	2605088	Southeast Corner of I-95 and Pineda Cswy	vacant - split parcel - small piece	?	AU	RES 15		Monopole 120'		1			1	
	2823258	East of I-95, South of Pineda Causeway	AZAN TEMPLE HOLDINGS (SPARCELS)	TRANS ENG	AU	RES 15	Possibility							
	2823259	East of I-95, South of Pineda Causeway	AZAN TEMPLE HOLDINGS (SPARCELS)	TRANS ENG	AU	RES 15	Possibility							
	2827127	I-95 and Pineda Causeway	well conservation area	?	AU	RES 15								
	2827127	I-95 and Pineda Causeway	well conservation area	?	RU-1-7	RES 15								
295	2625041	In Grand Haven subdivision, South side of Pineda Cswy	LIFT STATION, TRACT XXX PINEDA PARTNERS LLC #663186	?Utility Svcs		RES		DAS 25'		1			1	
	2625198	In Grand Haven subdivision, South side of Pineda Cswy	LIFT STATION, TRACT XXX PINEDA PARTNERS LLC #663183	?Utility Svcs	RU-1-7	RES 15								
296	2623254	North east corner of Turtle Mound Rd and Post Rd	vacant -DRAINAGE ROW - Half of the parcel has pond on it	?	RU-1-7	RES 15		Stick Stick 60' or DAS 25'		1			1	
297	2606292	Near Wickham and Post Road	vacant	?	PUD	RES		Stick Stick 60 - 100'		0			0	
298	2709645	2500 Parkway Drive, Melbourne	WICKHAM PARK TAX DEED #5085 SARA VANN	S Area Parks Rec Maint	I1	REC								
	2709647	on or next to Parkway Drive, East of Wickham	vacant	?	I1	REC								
	2709648	2500 Parkway Drive, Melbourne	WICKHAM PARK OUTPARCEL CHAPEL OF HOLY FAMILY	S Area Parks Rec Maint	I1	REC								
	2709649	In Wickham Park	vacant	?	I1	REC								
	2709650	2500 Parkway Drive, Melbourne	WICKHAM PARK OUTPARCEL MOREN	S Area Parks Rec Maint	I1	PLURECREATION								
	2709652	2500 Parkway Drive, Melbourne	WICKHAM PARK OUTPARCEL CHAPEL OF HOLY FAMILY	S Area Parks Rec Maint	I1	PLUREC								
	2709654	2500 Parkway Drive, Melbourne	WICKHAM PARK OUTPARCEL RUFO	S Area Parks Rec Maint	I1	PLUREC								
	2709658	Wickham Park entrance	vacant / sidewalk	?	I1	PLUREC								
	2709662	2500 Parkway Drive, Melbourne	WICKHAM PARK OUTPARCEL RUFO	S Area Parks Rec Maint	I1	PLUREC								
	2709661	2500 Parkway Drive, Melbourne	WICKHAM PARK OUTPARCEL CHAPEL OF HOLY FAMILY	S Area Parks Rec Maint	I1	PLUREC								
	2709662	2500 Parkway Drive, Melbourne	WICKHAM PARK OUTPARCEL CHAPEL OF HOLY FAMILY	S Area Parks Rec Maint	I1	PLUREC								
	2709663	In Wickham Park	vacant	?	I1	PLUREC								
	2709665	In Wickham Park	vacant	?	I1	PLUREC								
	2709667	2500 Parkway Drive, Melbourne	WICKHAM PARK OUTPARCEL CHAPEL OF HOLY FAMILY	S Area Parks Rec Maint	I1	PLURECREATION								
	2709668	2500 Parkway Drive, Melbourne	WICKHAM PARK OUTPARCEL CHAPEL OF HOLY FAMILY	S Area Parks Rec Maint	I1	PLURECREATION								
	2709637	2500 Parkway Drive, Melbourne	WICKHAM PARK 2500 PARKWAY DRIVE-MELB	S Area Parks Rec Maint	I1	REC								
	2709637	2500 Parkway Drive, Melbourne	WICKHAM PARK 2500 PARKWAY DRIVE-MELB	S Area Parks Rec Maint	I1	REC								
	2709637	2500 Parkway Drive, Melbourne	WICKHAM PARK 2500 PARKWAY DRIVE-MELB	S Area Parks Rec Maint	I1	REC								
299	2701147	Lake Washington Road	retention pond (mostly)	?	I1	REC		Stick Stick 60 - 100'		1			1	
300	2710942	4630 Lake Washington Rd Melbourne 32934	FIRE STATION 81 MELBOURNE	BCFR	GML	PUB								
301	2719560	North of Lake Washington, East of Croton Rd, Melbourne	ROAD WIDENING/IMPROVEMENTS CROTON RD. PROJECT #96235	Road & Bridge	C	LUR				0			0	
302	2716058	1795 N Wickham Rd, Melbourne 32935	WICKHAM RD DRAINAGE MELB	ROAD AND BRIDGE	C2		Retention Pond			0			0	
	2722750	1515 Sarno Road, Melbourne	NOT Vacant, SO BREV SERVICE COMPLEX 1515	S Area Parks Rec Maint	I1	COM				0			0	
	2722750	1515 Sarno Road, Melbourne	NOT Vacant, SO BREV SERVICE COMPLEX 1515	FACILITIES	C2	COMMERCIAL				0			0	
304	2732802	Same Road and Apollo Blvd	NOT Vacant, BRANCH CT HSE 50 SO NIEMAN AVE MELB.	FACILITIES	C2	COMMERCIAL				0			0	
305	2725405	51 Nieman Avenue, Melbourne 32901	NOT Vacant, BRANCH CT HSE 50 SO NIEMAN AVE MELB.	FACILITIES	M1	COMM/INDUSIT				0			0	
306	2727935	460 S Harbour City Blvd, Melbourne	Not Vacant, SCAT COMPLEX 460 S HARBOURN CITY BLVD MELB	FACILITIES	I1	PUBLICINST			0				0	
307	2727935	460 S Harbour City Blvd, Melbourne	Not Vacant, SCAT COMPLEX 460 S HARBOURN CITY BLVD MELB	TRANSIT SERVICES	C2	COMMERCIAL				0			0	
	2727935	460 S Harbour City Blvd, Melbourne	Not Vacant, SCAT COMPLEX 460 S HARBOURN CITY BLVD MELB	TRANSIT SERVICES	C2	COMMERCIAL				0			0	

No Fill = Broward owned sites within Broward County zoning jurisdiction
 Gray Fill = Broward County owned sites outside Broward County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Department	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
308	2727435	460 S. Harbour City Blvd, Melbourne	Not Vacant SCAT COMPLEX 460 S HARBOUR CITY BLVD MELB	TRANSIT SERVICES	C2	COMMERCIAL					0		0	
309	2700028	Inactive Per PA (Combined with 2700029)	COSTS S BREVARD FILL	SOLID WASTE	GM(L)H	PUB	Under Permitting Process	Monopole 199'			1		0	1
310	2700029	U.S. 192	SOUTH BREVARD FILL (CHURCH)	SOLID WASTE	GM(L)H	PUB	Under Permitting Process							
311	2700041	Inactive Per PA (Combined with 2700029)	SOUTH BREVARD FILL (CHURCH)	SOLID WASTE	GM(L)H	PUB	Under Permitting Process							
312	2700042	Inactive Per PA (Combined with 2700029)	SOUTH BREVARD FILL (CHURCH)	SOLID WASTE	GM(L)H	PUB	Under Permitting Process							
313	2732896	109 Clayton Rd. (Combined with 2700029)	SOUTH BREVARD FILL (CHURCH)	SOLID WASTE	GM(L)H	PUB	Under Permitting Process							
314	2703318	West End of Sarno Road, Melbourne	VACANT LAKE WASH PARCEL W OF SARNO RD MELB	S Area Parks Rec Maint	GM(L)	REC	Inactive Per PA	Monopole 199'			1		0	1
315	2703341	West of 195 on South side of Eau Gallie	MITIGATION FOR CENTRAL DISPOSAL FACILITY	SOLID WASTE	EA	PUB-CONS	Conservation Easement	Monopole 199'			1		0	1
316	2705562	West of 195 on South side of Eau Gallie	MITIGATION FOR CENTRAL DISPOSAL FACILITY	SOLID WASTE	GU	RESIDENTIAL	Conservation Easement							
317	2704564	West of 195 on South side of Eau Gallie	MITIGATION FOR CENTRAL DISPOSAL FACILITY	SOLID WASTE	GU	RESIDENTIAL	Conservation Easement							
318	2704575	West of 195 on South side of Eau Gallie	MITIGATION FOR CENTRAL DISPOSAL FACILITY	SOLID WASTE	GU	RESIDENTIAL	Conservation Easement							
319	2704578	West of 195 on South side of Eau Gallie	MITIGATION FOR CENTRAL DISPOSAL FACILITY	SOLID WASTE	GU	RESIDENTIAL	Conservation Easement							
320	2705670	West of 195 on South side of Eau Gallie	MITIGATION FOR CENTRAL DISPOSAL FACILITY	SOLID WASTE	GU	IND	Conservation Easement							
321	2705699	East of John Rodas Blvd, South of Sheridan Road	ROAD JOHN RODAS BLVD & SHERIDAN F'S STORES	SOLID WASTE	GU	IND	Conservation Easement							
322	2705625	East of John Rodas Blvd, South of Sheridan Road	ROAD JOHN RODAS BLVD & SHERIDAN F'S STORES	SOLID WASTE	GU	IND	Conservation Easement							
323	2705251	East of Sugar Pine Drive, North of Sheridan Road	L11 CANAL MAINTENANCE COCHRAN DEVELOPMENT	TRANS ENG	C1	COMMERCIAL	John Rodas RW			0			0	
324	2705563	Wickham Road South	relocation pond (Inactivity)	ROAD AND BRIDGE	R1AAA	LOW DEN RES #/	Drainage RW North of Sheridan			0			0	
325	2705584	East of Wickham Road, South Ellis Road	Retention Pond 985 Wickham Rd SW Melb	TRANS ENG	R1A	PRO/OFFICE								
326	2800730	4150 Miami Avenue, West Melbourne	WENT OFFICE PROHIBITION PARK TOY MIAMI	TRANS ENG	R1A	PRO/OFFICE	Pond							
327	2800186	Near Wickham Road South	vacant / retention pond	S Area Parks Rec Maint	GM(L)	REC	Flag Pole 100'			1			0	
328	280187	7020 Livingston Ln, W Melbourne 32904	vacant / retention pond	ROAD AND BRIDGE	R1A	LD-RES	Retention Pond			0			0	
329	2801096	109 NW Pine St W Melbourne 32904	FIRE STA 109 NW PINE ST W MELB STAT. B2	BCFR	P1	LOW DEN RES #/				0			0	
330	2800611	Minton Road and New Haven Ave W	vacant / retention pond (Inactivity)	?	RU-1g	RES		Monopole 100'					0	
331	2800611	Minton Road and New Haven Ave W	vacant, next to Minton rd	?	RU-1g	RES		Monopole 100'		1			0	
332	2821416	5040 Walker Ave, W Melbourne 32904	HOLLYWOOD BLVD WIDENING IMCEVOY	TRANS ENG	R1A	LOW DEN RES #/	Future RW Hollywood Blvd		0				0	
333	2821437	2008 Henry Ave, W Melbourne 32904	HOLLYWOOD BLVD WIDENING COX	TRANS ENG	R1A	LOW DEN RES #/	R/W		0				0	
334	2821548	503 Hollywood Blvd, W Melbourne 32904	HOLLYWOOD BLVD WIDENING BEEMAN	TRANS ENG	RA	LOW DEN RES #/	R/W		0				0	
335	2821549	501 Hollywood Blvd, W Melbourne 32904	HOLLYWOOD BLVD WIDENING SINGLETON	TRANS ENG	R1A	LD-RES	R/W						0	
336	2821758	West of Hollywood Blvd, South of Henry Road	HOLLYWOOD BLVD WIDENING SINGLETON	TRANS ENG	R1A	LD-RES	R/W						0	
337	2821551	508 Hollywood Blvd, W Melbourne 32904	508 HOLLYWOOD BLVD WIDENING AGRESSOTT	TRANS ENG	RA	LOW DEN RES #/	R/W		0				0	
338	2821552	507 Hollywood Blvd, W Melbourne 32904	HOLLYWOOD BLVD WIDENING CALAS	TRANS ENG	RA	LOW DEN RES #/	R/W						0	
339	2821772	519 Hollywood Blvd, W Melbourne 32904	519 HOLLYWOOD BLVD WIDENING MURG	TRANS ENG	R1A	LOW DEN RES #/	R/W		0				0	
340	2821684	5041 Trend Rd, W Melbourne 32904	HOLLYWOOD BLVD WIDENING PADUA	TRANS ENG	R1A	LOW DEN RES #/	R/W		0				0	
341	2821770	523 Hollywood Blvd, W Melbourne 32904	HOLLYWOOD BLVD WIDENING FEDERAL NAT	TRANS ENG	R1A	LOW DEN RES #/	R/W		0				0	
342	2821683	5040 Trend Rd, W Melbourne 32904	HOLLYWOOD BLVD WIDENING WITKOWSKI	TRANS ENG	R1A	LOW DEN RES #/	R/W		0				0	
343	2821416	East of Minton Road	vacant	?	RA	LD-RES				0			0	
344	2821417	East of Minton Road	vacant / retention pond	?	RA	LD-RES				0			0	
345	2822470	2755 Wingside Blvd Library, West Melbourne East Minton Road, West Melbourne	NEW MEADOWLANE LIBRARY W. MELB	W MELB LIB	RA		No known restrictions, but property is within existing MRL. Possibly sufficient cover for a tower on property.		0				0	
346	2826126	East of Hollywood, South of Fall Road	HOLLYWOOD BLVD WIDENING S-GEN-X	TRANS ENG	RA	LD-RES	Retention Pond		0				0	
347	2822293	Forest Creek Drive, North of Florida Avenue	vacant	?	RA	PUBLIC/INST/LOW				0			0	

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Grey Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Department	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
332	2823958	West of Harbor City Blvd S., North of University Blvd E	Part of a Cemetery? - CEMETERY CHURCH & GRANT ST WELB	FACILITIES	H1	PUBLIC/INST				0			0	
333	2824019	North of University Blvd, East of Grant St	vacant TAX DEED - SURPLUS / THE HOUSE OF PRAYER	ASSET MGMT	RIA	LDR				0			0	
334	2824914	865 E University Blvd, Melbourne 32901 / Corner of University Blvd & Lipscomb Street, Melbourne	STONE LIBRARY 955 UNIVERSITY BLVD WELB	MLK LIBRARY	C1	COMMERCIAL	No known restrictions, but property is within Melbourne city limits. Not much room for a tower.			0			0	
335	2428286	North Banana River Drive, M.L.	PARK SITE N BANANA RIVER DR N OF SR528 MI	Central Parks Rec Maint	GML	LAN INDUS PARK		Concealed Facility 80-100'	1				1	
336	2444425	West of Banana River Drive, South of Furman Road	Kelly Park Subdivision - Merritt Island	Road & Bridge	GU	MIXED USE DIST		Concealed Facility 80-100'	1				1	
337	2431072	2455 North Banana River Drive, M.L.	KELLY PARK WEST 2455 N BANANA RIVER DR - M.L.	Central Parks Rec Maint	GML	REC	FRDAP	Flag Pole 80 - 100'			1		1	
338	2431075	2550 North Banana River Drive, M.L.	KELLY PARK - 2550 N BANANA RIVER DR - M.L.	Central Parks Rec Maint	GML	REC								
339	2431072	2455 North Banana River Drive, M.L.	KELLY PARK WEST 2455 N BANANA RIVER DR - M.L.	Central Parks Rec Maint	GML	REC	FRDAP	Flag Pole 80 - 100'	1				1	
2431099	2431099	Martin Blvd. & Banana River Drive intersection	N BANANA RIVER MARTIN INSECT IMP UNGER	Public Wks	RU-1-11	RES	Unger Donation (Partial) Conservation							
2461646	2461646	Martin Blvd. & Banana River Drive intersection	N BANANA RIVER MARTIN INSECT IMP YOUNT	Public Wks	RU-1-11	RES 15	Acquired from Yount - Conservation							
2461665	2461665	Martin Blvd. & Banana River Drive intersection	N BANANA RIVER MARTIN INTERSEC IMPR DINH	Public Wks	AU	RES	Acquired from Dinh - Conservation							
339	2431342	Lift Sta F66, 1225 Arlington Ave, MI	VACANT Asset Imp - Corner of Hill & Houston Lane, west of N. Courtenay Pkwy	Utility Svcs	RU-1-11	RES	None that they are aware of.	Slick Stick 80' or DAS 25'	1				1	
340	2416967	1658 Hill Ave, M.L. Adjacent to 2416969		?	RU17	URBANIZING 12/1		Slick Stick 80' - 80' or DAS 25'		1			1	
341	2416968	Off Houston Lane, West of N. Courtenay Pkwy adjacent to 2416967	vacant	?	RU1-17	RES 10								
342	2416974	24-36-22-24 Houston Ln., Merritt Island	CDBG HOUSTON LANE ETHEL WOODWARD	CDBG	RU-1-7	RES 10	Residential Neighborhood							
2416970	2416970	24-36-22-18 Houston Ln., Merritt Island	CDBG HOUSTON LANE EARTHRELEAN RILEY	CDBG	RU-1-7	RES 10	Residential Neighborhood			1			1	
2416971	2416971	24-36-22-21 Houston Ln., Merritt Island	CDBG HOUSTON LANE ED WILLIAMS	CDBG	RU17	URBANIZING 12/1	Residential Neighborhood							
2416972	2416972	24-36-22-22 Houston Ln., Merritt Island	CDBG HOUSTON LANE VERTDELL & ISAAC HOUSTON	CDBG	RU17	URBANIZING 12/1	Residential Neighborhood							
2416973	2416973	off Houston Lane, Merritt Isl., West of Courtenay Pkwy	vacant	?	RU17	URBANIZING 12/1	Residential Neighborhood							
2416974	2416974	24-36-22-24 Houston Ln., Merritt Island	CDBG HOUSTON LANE HUGH BROCKINGTON	CDBG	RU-1-7	RES 10	Residential Neighborhood							
2416975	2416975	24-36-22-25 Houston Ln., Merritt Island	CDBG HOUSTON LANE HUGH BROCKINGTON	CDBG	RU-1-7	RES 10	Residential Neighborhood							
2416976	2416976	24-36-22-26 Houston Ln., Merritt Island	CDBG RIGHT OF WAY ASENETHA MINGO	CDBG	RU-1-7	RES 10	Residential Neighborhood							
2416977	2416977	24-36-22-27 Houston Ln., Merritt Island	CDBG HOUSTON LANE WATTHEW FORD	CDBG	RU-1-7	RES 10	Residential Neighborhood							
2416978	2416978	24-36-22-28 Houston Ln., Merritt Island	CDBG HOUSTON LANE ROBERT HAMILTON	CDBG	RU17	URBANIZING 12/1	Residential Neighborhood							
2416979	2416979	24-36-22-29 Houston Ln., Merritt Island	CDBG HOUSTON LANE ISAAC & VERTDELL HOUSTON	CDBG	RU17	URBANIZING 12/1	Residential Neighborhood							
2416980	2416980	24-36-22-30 Houston Ln., Merritt Island	HOUSTON LANE MARSH-ALL LODGE	CDBG	RU17	URBANIZING 12/1	Residential Neighborhood							
2416984	2416984	24-36-22-47 Houston Ln., Merritt Island	CDBG HOUSTON LANE VIOLET HOUSTON	CDBG	RU17	URBANIZING 30/1	Residential Neighborhood							
2416985	2416985	24-36-22-48 Houston Ln., Merritt Island	CDBG HOUSTON LANE GRACE & MELLISSA WILLIAMS	CDBG	RU17	URBANIZING 30/1	Residential Neighborhood							
343	2417531	1590 Schoolhouse Street, M.L.	WOODY SIMPSON PK 400 ALMA BLVD MI	Central Parks Rec Maint	GML	RECREATION		Flag Pole 80 - 100' or Light Slanchion		1			1	
2417531	2417531	1590 Schoolhouse Street, M.L.	WOODY SIMPSON PK 400 ALMA BLVD MI	Central Parks Rec Maint	GML	RECREATION								
2411936	2411936	West of Banana River Drive, South of SR	BORROW PITS, OF SR528-MI	Road & Bridge	GML	PUBLIC FACILITY		Monopole 120'	1				1	
2411939	2411939	Ulla Mat, Merritt Island	VACANT WEIS M.I.	Natural Resc	GML	CONSERVATION	Wetlands							
2411941	2411941	Ulmay Wildlife Sanctuary Mosq Impoundment, M.L. - N Boundary 528 Benjamin E. Brouley N. Banana River Dr. S. Boundary - N. Sycas Creek Pkwy	MOSQ CO 7 DAY ADVENTIST MI - OWNER BREVARD COUNTY	Meag Control	GU	CONSERVATION	Marsh/Wetlands							

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Department	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
	2411943	Ulmay Wildlife Sanctuary Mosq Impoundment, M.L. - N. Boundary 528 Beachline, E. Boundary N. Banana River Dr, S. Boundary - N. Sykes Creek Pkwy	MOSO CO 7 DAY ADVENTIST MI - OWNER BREVARD COUNTY	Mosa Control	GU	CONSERVATION	Marsh/Wetlands							
	2411945	Ulmay Wildlife Sanctuary Mosq Impoundment, M.L. - N. Boundary 528 Beachline, E. Boundary N. Banana River Dr, S. Boundary - N. Sykes Creek Pkwy	MOSO CO KABBOORD MI - OWNER BREVARD COUNTY	Mosa Control	GU	CONSERVATION	Marsh/Wetlands							
	2411947	805 Sykes Creek Parkway, M.L.	ULUMAY WILDLIFE REFUGE-805 SYKES CREEK PKWY MI	Central Parks Rec Maint	GML	CONSERVATION	Dead - 1135/424							
	2412088	Ulmay Wildlife Sanctuary Mosq Impoundment, M.L. - N. Boundary 528 Beachline, E. Boundary N. Banana River Dr, S. Boundary - N. Sykes Creek Pkwy	MOSO CO 7 DAY ADVENTIST MI - OWNER BREVARD COUNTY	Mosa Control	AU	CONSERVATION	Marsh/Wetlands ORB 644 PG 655							
	2417520	290 Florida Avenue, M.L.	WATERWAY PARK-290 FLORIDA AVE M.L.	Central Parks Rec Maint	RU111	URBAN 30/1								
	2417524	323 Florida Blvd, Merritt Island	FLORIDA BOULEVARD	Natural Resc	GML	PUBLIC FACILITY	None that they are aware of.	Flag Pole 60'						
	2417805	320 Florida Blvd, Merritt Island	WATERWAY PARK-290 FLORIDA AVE M.L.	Utility Sics	GML	URBAN 30/1								
	2418556	290 Florida Avenue, M.L.	PARK SITE WEIETS MI	Central Parks Rec Maint	RU111	URBAN 30/1								
	2418537	805 Sykes Creek Parkway, M.L.	ULUMAY WILDLIFE REFUGE-805 SYKES CREEK PKWY	Central Parks Rec Maint	GML	CONSERV I/S	Dead - 1135/424							
	2418541	805 Sykes Creek Parkway, M.L.	ULUMAY WILDLIFE REFUGE-805 SYKES CREEK PKWY	Central Parks Rec Maint	GML	CONSERV I/S	Dead - 1135/424							
	2418617	805 Sykes Creek Parkway, M.L.	ULUMAY WILDLIFE REFUGE-805 SYKES CREEK PKWY	Central Parks Rec Maint	GML	CONSERV S/I	Dead - 1135/424							
	2417339	East of Sykes Creek, North off Banana River Dr, Merritt Island	Vacant- Mesquite Control - with large pond/marsh area	?	GU	ONSERVATION I/S								
	2417342	805 Sykes Creek Parkway, M.L.	ULUMAY WILDLIFE REFUGE-805 SYKES CREEK PKWY	Central Parks Rec Maint	GML	CONSERVATION	Dead - 1135/424							
	2417351	East of Sykes Creek, North off Banana River Dr, Merritt Island	Vacant- Mesquite Control - split parcel by large body of water	?	GU	CON								
	2417352	Ulmay Wildlife Sanctuary Mosq Impoundment, M.L. - N. Boundary 528 Beachline, E. Boundary N. Banana River Dr, S. Boundary - N. Sykes Creek Pkwy	MOSOQUITO CO (FORTENBERRY FAMILY) MI - OWNER BREVARD COUNTY	Mosa Control	GU	CON	Marsh/Wetlands ORB 603 PG 461							
	2417356	East of Sykes Creek, North off Triangle Road, Merritt Island	Vacant - Mosquito Control - appears to be an easement (large atm strip of)	?	GU	RES								
	2417359	805 Sykes Creek Parkway, M.L.	ULUMAY WILDLIFE REFUGE-805 SYKES CREEK PKWY	Central Parks Rec Maint	GML	CON	Dead - 1135/424							
	2417353	Lift Sta V05, 1499 Sykes Creek Pky, MI	LIFT STA V5 AUDBOON ROAD - M.L.	Utility Sics	RU-1-11	RES	None that they are aware of.							
	2411945	Ulmay Wildlife Sanctuary Mosq Impoundment, M.L. - N. Boundary 528 Beachline, E. Boundary N. Banana River Dr, S. Boundary - N. Sykes Creek Pkwy	MOSO CO KABBOORD MI - OWNER BREVARD COUNTY	Mosa Control	GU	CONSERVATION	Marsh/Wetlands							
	2416536	290 Florida Avenue, M.L.	PARK SITE WEIETS MI	Central Parks Rec Maint	RU111	URBAN 30/1								
	2417130	Lift Sta F10, 1350 Central Av, MI	FIRST FLA UTILITIES STP AMBER/JACK DR MI	Utility Sics	GML	PUB			1					
	2419387	200 Melbourne Avenue, M.L.	PINEVIEW PARK 200 MELB AVE MI	Central Parks Rec Maint	GML	RECREATION	None that they are aware of.	Concealed Facility 80'-100' Slick Slick 60' - 80' or DAS 25'						
	2419388	West of Courtenay Pkwy, South of Lucas Rd	Not County Owned - Sold 05/30/2012	?	GML	URBAN 30/1								
	2419412	200 Melbourne Avenue, M.L.	PINEVIEW PARK 200 MELBOURNE AVE -MI	Central Parks Rec Maint	GML	RECREATION								
	2419965	Lift Sta M08, 155 Melbourne Av, MI	LIFT STA BM-CITRUS BLVD MI	Utility Sics	RU-1-11	RES	None that they are aware of.	DAS 25'						
	2419965	Off Tropical Trail North	Vacant - IS OAKS SUBDIVISION	?	RU-1-11	RES		DAS 25' or Slick Slick 60'						
	2458330	Audubon Road, M.L.	DONATION HARBOR DEL RIO	Central Parks Rec Maint	RU-1-9	PRIV-CONS		Monopole 100' - 120' or Slick Slick 60' - 100'						
	2419067	605 Needle Boulevard, M.L.	WATTS PARK-605 NEEDLES BLVD - M.L.	Central Parks Rec Maint	GML	URBAN 30/1		Flag Pole 60'						
	2417670	Lift Sta V03, 1360 Holly Av, MI	LIFT STA OLD VETTER ISL WWPY HOLLY AVE MI	Utility Sics	GML	PUB	None that they are aware of.	DAS 25' or Slick Slick 60'	1					
	2417712	840 N Banana River Dr Merritt Island 32953	FIRE STATION 42 840 N BANANA RIVER DR MI	BCFR	GML	PUBLIC FACILITY		DAS 25' or Slick Slick 60'	1					

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Codebook Department	Zoning	Complan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
	2506017	Courtenay Pkwy near Jct. South of Cone Road	FORTENBERRY STW PROJECT PULTE HOME, Vacant.	MIRA	EU	RES3-DIR								
	2506021	East of South Courtenay Pkwy	Vacant, Mosquito Control - with large pond/marsh area	?	EU	RES3-DIR								
	2516285	Courtenay Pkwy near Jct. South of Cone Road	FORTENBERRY STW PROJECT PULTE HOME, Vacant.	MIRA	GU	RES3-DIR								
370	2526212	West of S. Courtenay Pkwy	Vacant, odd shaped long thin parcel - IN RIVER	?	EU	RES 4		DAS 25'	1				1	
371	2510350	Islands in River at end of HORTI Point	HORTIPOINT ISL IS END NEW FOUND HBR DR MI GROVE Subdivision	Central Parks Rec Maint	GML	CON		Slick Stick 60 - 100' (although not sure it is possible)	1					1
372	2519385	Islands in River	BANANA RIVER ISS E & S OF HORTIPOINT ON I	Central Parks Rec Maint	GML	RES		Slick Stick 60 - 100' (although not sure it is possible)						1
373	2519385	Islands in River	BANANA RIVER ISS E & S OF HORTIPOINT ON I	Central Parks Rec Maint	GML	RES		Slick Stick 60 - 100' (although not sure it is possible)	1					1
374	2429385	Jetty Park Road, Cape Canaveral	NEXT TO JETTY PARK CAPE CANV.	Central Parks Rec Maint	R3	MED DEN RESID		Slick Stick 60 - 100'						
	2429890	Jetty Park Road, Cape Canaveral	NEXT TO JETTY PARK CAPE CANV.	Central Parks Rec Maint	R3	MED DEN RESID								
	2429890	Jetty Park Road, Cape Canaveral	NEXT TO JETTY PARK CAPE CANV.	Central Parks Rec Maint	R3	MED DEN RESID								
375	2430477	8339 Ridgewood Avenue, Cape Canaveral	CHERI DOWN PARK 8492 RIDGEWOOD AVE CAPE CANV.	Central Parks Rec Maint	R3	PUBLIC/REC				0				
	2430480	8339 Ridgewood Avenue, Cape Canaveral	CHERI DOWN PARK 8492 RIDGEWOOD AVE CAPE CANV.	Central Parks Rec Maint	R3	PUBLIC/REC				0				
376	2430474	8339 Ridgewood Avenue, Cape Canaveral	CHERI DOWN PARK 8492 RIDGEWOOD AVE CAPE CANV.	Central Parks Rec Maint	R3	PUBLIC/REC				0				
	2430475	8339 Ridgewood Avenue, Cape Canaveral	CHERI DOWN PARK 8492 RIDGEWOOD AVE CAPE CANV.	Central Parks Rec Maint	R3	PUBLIC/REC				0				
377	2436920	Parking lot, East of Atlantic Ave	ROAD RIGHT ON WAY MERIDIAN OF BREVARD AVE CAPE CANV.	?Public Wks	RU-2-15	RES 15		Slick Stick 60'		1				
378	2440324	East end of SR 520, Cocoa Beach	SHEPARD PARK A1A COCOA BCH	Central Parks Rec Maint	B1	REC				0				
379	2519647	1281 South Atlantic Avenue, Cocoa Beach	PARK SITE (NEZEL) COCOA BEACH	Central Parks Rec Maint	RM2	PUB			0					
380	2519675	1281 South Atlantic Avenue, Cocoa Beach	PARK SITE (ARMSTRONG) COCOA BCH	Central Parks Rec Maint	RM2	PUB			0					
381	2519813	1635 South Atlantic Avenue, Cocoa Beach	MURKSHIE PARK 1300 N ATLANTIC AVE COCOA BCH	Central Parks Rec Maint	B1	REC								
382	2606290	South of Pineda Causeway, Satellite Beach	VACANT TORTOISE IS. S. OF PINEDA CWSY. E OF BAN	\$ Area Parks Rec Maint	PUD	RES		Slick Stick 60'	1					1
383	2607095	Lift Sta B19, 299 Sea Park Blvd, Sat Bch	S PATRICK STP-SEA PARK BLVD & PATRICK DR	Utility Socs	GML	PUB	None that they are aware of.	Slick Stick 60 - 90'	1					
2607095	2607095	Lift Sta B19, 299 Sea Park Blvd, Sat Bch	S PATRICK STP-SEA PARK BLVD & PATRICK DR	Utility Socs	GML	PUB	None that they are aware of.							
2607095	2607095	Lift Sta B19, 299 Sea Park Blvd, Sat Bch	S PATRICK STP-SEA PARK BLVD & PATRICK DR	Utility Socs	GML	PUB	None that they are aware of.							
384	2607135	285 Highway A1A, Satellite Beach	SEA GULL PARK 285 A1A SATELLITE BCH	\$ Area Parks Rec Maint	GML	REC		Flag Pole or Slick Stick 60 - 80'	1					
385	2608315	499 Highway A1A, Satellite Beach	SPRA PARK-499 A1A SATELLITE BCH	\$ Area Parks Rec Maint	GML	RES		Flag Pole or Slick Stick 60 - 80'	1					
386	2706941	Land donated to Satellite Beach	PELICAN BCH PARK A1A SATELLITE BCH #651148	75 Area Parks	ITU	ARK/OPEN SPACE			0					
	2706942	Pelican Beach Park	leased from State	?	ITU	P								
387	2706959	750 Jamaica Blvd Sat Bch	NEXT TO IHB PLANT JAMAICA BLVD IHB	UTIL SERVICES	ITU	P	None that they are aware of.	Monopole or Flag Pole 80'; Light Structures		1				
	2706960	750 Jamaica Blvd Sat Bch	ACCESS RWY TO HARBOUR UTILITIES IHB	UTIL SERVICES	ITU	P	None that they are aware of.							
	2712869	212 Riverside Pk, Dr, IHB	IHB STP-INDIAN HARBOR BCH	UTIL SERVICES	P1	PUB/SEMI	None that they are aware of.	Monopole or Flag Pole 80'; Light Structures Do you want this a separate site?						
	2706859	750 Jamaica Blvd Sat Bch	NEXT TO IHB PLANT JAMAICA BLVD IHB	UTIL SERVICES	ITU	P	None that they are aware of.							
	2712869	212 Riverside Pk, Dr, IHB	IHB STP-INDIAN HARBOR BCH	UTIL SERVICES	P1	PUB/SEMI	None that they are aware of.							
	2706860	750 Jamaica Blvd Sat Bch	ACCESS RWY TO HARBOUR UTILITIES IHB	UTIL SERVICES	ITU	P	None that they are aware of.							
	2712869	212 Riverside Pk, Dr, IHB	IHB STP-INDIAN HARBOR BCH	UTIL SERVICES	P1	PUB/SEMI	None that they are aware of.							

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Outbidn. Department	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Subscriber	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
	2732608	761 Jamaica Blvd, Satellite Beach	LIBRARY SATELLITE BCH	LIBRARY SERVICES	ITU	PFL	No known restrictions. Site listed twice because it straddles Satellite Beach and Indian Harbour Beach. Sufficient room for a tower on property.							
	2732608	761 Jamaica Blvd, Satellite Beach	LIBRARY SATELLITE BCH	LIBRARY SERVICES	ITU	PFL	No known restrictions. Site listed twice because it straddles Satellite Beach and Indian Harbour Beach. Sufficient room for a tower on property.							
383	2713182	North of Banana River Dr, West of South Patrick Dr	vacant TAX DEED 06-08 ERIC R JONES - Split parcel -RETENTION AREA	ASSET MGMT	R1AA	SINGLE FAMILY				0			0	
389	2713295	1329 Banana River Drive, Indian Harbour Beach	COCHRAN SITE BANANA RIVER DR R/B	S Area Parks Rec Maint	P2	PUR/SIEM				0			0	
390	2712550	11480 S Tropical Trl Rest, Merritt Island 32952	MATHERS BRIDGE 11480 TROPICAL TRL MI	TRANS ENG	SEU	RES 1	Mathers Bridge	Slick Stick 60'		1			1	
391	2712550	South Tropical Trail at Mathers Bridge	MATHERS BRIDGE 11480 TROPICAL TRL MI	TRANS ENG	SEU	RES 1		Slick Stick 60'		1			1	
392	2712512	4100 Highway A1A, Indian Harbour Beach	CANOVA BEACH PARK 3299 A1A IHB	S Area Parks Rec Maint	GML-P	NC	Deed - 3596.0391	Flag Pole or Slick Stick 60'		1			1	
393	2716100	3051 North Highway A1A, Indulantic	-RADDISON S BEACH ACCESS	S Area Parks Rec Maint	C1	CONS		DAS 25'		1			1	
394	2725969	2602 N A1A Indulantic, 32903	FIRE STA 2602 A1A CANOVA BEACH STAT 63	BCFR	R2	MED/DEN RESID		Flag Pole 80'-100'		1			1	
395	2728576	2301 North Highway A1A, Melbourne	-PARADISE BCH PK 2301 N A1A IND	S Area Parks Rec Maint	H	REC	FRDAP		0				0	
396	2777548	East of Riverside Drive, South of Coconut Drive	-DRAINAGE-COCONUT DR & LATANIA PALM IND	ROAD AND BRIDGE	GML	URBAN 30/1	Retention Pond	DAS 25'	1				1	
397	2735444	Off of Ocean Oaks Dr, West of A1A	non-motorized vehicle right of way	?	RU-L9	RES 15		DAS 25'	1				1	
398	2777334	27-37-25-06-A.O Ocean Oaks Drive	OCEAN OAKS DEV (TAX DEED 92-137)	Housing & Human Svcs	RU111	URBAN 30/1	Residential Neighborhood	DAS 25'	1				1	
399	2847399	Lift Sta 507 519 Ocean Ave, Indulantic	LIFT STA MPOCEAN BLVD & RIVERSIDE DR	UTIL SERVICES	UT	RECREATION	None that they are aware of		0				0	
400	2848174	824 Ocean Ave, Melbourne Beach 32351 corner of Oak Street & Ocean Ave, Melbourne Beach	MELB BCH LIBRARY 625 OAK ST MELB BCH	MELB BCH LIB	08	GENERAL COMM	No known restrictions, but property is within Melbourne Beach city limits. Not much room for a tower.		0				0	

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Department	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Strength	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
416	2931195	I-95 and Babcock area	UNDEDICATED ROADS	?	RR65	RURAL RES 1/1.5		Monopole 120'	1	1			1	
417	2931480	Alz and Weber Road area (I-95)	UNDEDICATED ROADS	?	RR65	RURAL RES 1/1.5		Monopole 120'	1				1	
418	2955065	West of US-1, North of Valkaria Airport	VACANT	?	IND	IND					0		0	
413	2955061	North of Valkaria Road, Valkaria	VALKARIA AIRPORT VALKARIA	S Area Parks Rec	AU	IND		Height TBD by FAA	1				1	
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Department	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Strength	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible deed restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible deed restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
420	2959184	Valkaria Airport North of Valkaria Road, Valkaria	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible deed restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.		0				0	
	2959183	North of Valkaria Road, Valkaria	VALKARIA AIRPORT VALKARIA	S Area Parks Rec S Area Parks Rec	RR65 AU	RURAL RES 1/1.5								
421	2953374	Valkaria Airport	VALKARIA AIRPORT VALKARIA ROAD-VALKARIA	Valkaria Airport	RR65	RURAL RES 1/1.5	Yes, FAA approval and possible deed restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.	Height TBD by FAA	0				0	
	2953406	Valkaria Airport	VALKARIA AIRPORT VALKARIS ROAD-VALKARIA	Valkaria Airport	RR65	RURAL RES 1/1.5	Yes, FAA approval and possible deed restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
422	2953374	Valkaria Airport	VALKARIA AIRPORT VALKARIA ROAD-VALKARIA	Valkaria Airport	RR65	RURAL RES 1/1.5	Yes, FAA approval and possible deed restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.		0				0	
	2953406	Valkaria Airport	VALKARIA AIRPORT VALKARIS ROAD-VALKARIA	Valkaria Airport	RR65	RURAL RES 1/1.5	Yes, FAA approval and possible deed restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.	Height TBD by FAA						
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible deed restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible deed restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Department	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Strength	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Department	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Strength	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
423	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.				0			0
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Department	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Strength	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
423	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.		0				0	
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Department	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Strength	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
425	2952396	Valkaria Airport 2890 Greenbrooks St Malabar 32950	VALKARIA AIRPORT GOLF COURSE-VALKARIA NEW FIRE STATION 87 VALKARIA GRANT	Valkaria Airport BCFR	GML GML	PUB PLUMP	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski. Airport				0			0
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Department	Zoning	Comp Plan	Potential Use Restriction	Recommendation	Signal & Strength	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954518	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
	2954516	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
426	2941250	Valkaria Airport	VALKARIA AIRPORT GOLF COURSE-VALKARIA	Valkaria Airport	GML	PUB	Yes, FAA approval and possible dead restrictions. The airport does desire the towers and can have the necessary studies done per Steve Borowski.							
427	2941249	East of 195, South of Valkaria Road	ROCK FT-VALKARIA RD VALKARIA	Road & Bridge		PUBLIC FACILITY	R & B Dir/Pit				0		0	
	2941249	1445 Valkaria Rd Unit 1441, Grant	R&B VALKARIA ROAD VALKARIA	Road & Bridge		PUBLIC FACILITY	R & B Dir/Pit				0		0	
	2941249	East of 195, South of Valkaria Road	R&B VALKARIA ROAD VALKARIA	Road & Bridge		PUBLIC FACILITY								
	2955239	East of 195, South of Valkaria Road	R&B VALKARIA ROAD VALKARIA	Road & Bridge		PUBLIC FACILITY								
428	2955291	West of Old Dixie, South of Valkaria	VACANT (scrub jay?)	?	AU	RES			0		0		0	
429	2955238	West of Old Dixie, South of Valkaria	VACANT (scrub jay?)	?										
	2955342	West of Old Dixie, South of Valkaria	VACANT (scrub jay?)	?										
430	2955428	West of Old Dixie, South of Valkaria	VACANT (scrub jay?)	?										
431	2955420	West of Old Dixie, South of Valkaria	VACANT (scrub jay?)	?										
432	2955421	West of Old Dixie, South of Valkaria	VACANT (scrub jay?)	?										
	2955423	West of Old Dixie, South of Valkaria	VACANT (scrub jay?)	?										
433	2955427	West of Old Dixie, South of Valkaria	VACANT (scrub jay?)	?										
	2955428	West of Old Dixie, South of Valkaria	VACANT (scrub jay?)	?										
	2955430	West of Old Dixie, South of Valkaria	VACANT (scrub jay?)	?										
434	2955436	West of Old Dixie, South of Valkaria	VACANT (scrub jay?)	?							0			0

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Department	Zoning	Comp Plan	Potential Use Restriction	Recommendation	Signal & Substructure Strength	Weak Coverage	Coastal	Urban	Rural
	2848545	2374 Oak Street, Melbourne Beach	SPESSARD HOL & GOLF CO A1A MELB BCH, Some vacant	Spessard Golf	GML	RECREATION	Deed						
	2848545	2374 Oak Street, Melbourne Beach	SPESSARD HOL & GOLF CO A1A MELB BCH, Some vacant	Spessard Golf	GML	RECREATION	Deed						
	2848545	2374 Oak Street, Melbourne Beach	SPESSARD HOL & GOLF CO A1A MELB BCH, Some vacant	Spessard Golf	GML	RECREATION	Deed						
	2848545	2374 Oak Street, Melbourne Beach	SPESSARD HOL & GOLF CO A1A MELB BCH, Some vacant	Spessard Golf	GML	RECREATION	Deed						
	2848545	2374 Oak Street, Melbourne Beach	SPESSARD HOL & GOLF CO A1A MELB BCH, Some vacant	Spessard Golf	GML	RECREATION	Deed						
	2848545	2374 Oak Street, Melbourne Beach	SPESSARD HOL & GOLF CO A1A MELB BCH, Some vacant	Spessard Golf	GML	RECREATION	Deed						
466	2849279	2800 Hwy A1A Melbourne Bch	South Beaches WWTP	?	GML	PUBLIC FACILITY	Lattice Tower Already on Property		1		1		
	2849279	2800 Hwy A1A Melbourne Bch	South Beaches WWTP	?	GML	PUBLIC FACILITY							
467	2951285	4100 Highway A1A, Melbourne Beach	S.BEACH REGIONAL PARK 4005 A1A MELB BCH	S Area Parks Rec	GML	REC	Stick Stick 60 - 80'			1	1		
	2951290	Hwy A1A Melb Bch	VACANT	?	SR	SUBURBAN 2/1							
468	2953116	A1A near beach and river	VACANT	?	SR	SUBURBAN 2/1							
	2953130	A1A near beach and river	NOT VACANT	?	SR	URBANIZING 12/1	Stick Stick 60'			1	1		
	2953114	4520 Hwy A1A Melb Bch	NOT VACANT, HAS A BUILDING ON IT	?	SR	URBANIZING 12/1							
	2953114	4520 Hwy A1A Melb Bch	NOT VACANT, HAS A BUILDING ON IT	?	AU	URBANIZING 12/1							
469	2953143	A1A near beach and river	VACANT	?	SR	URBAN FRING 4/1	Stick Stick 60'			1	1		
	2953145	A1A near beach and river	VACANT	?	SR	URBAN FRING 4/1							
	2953146	A1A near beach and river	VACANT	?	SR	URBAN FRING 4/1							
	2953147	A1A near beach and river	VACANT	?	SR	URBAN FRING 4/1							
	2953148	A1A near beach and river	VACANT	?	SR	URBAN FRING 4/1							
	2953149	A1A near beach and river	VACANT	?	SR	URBAN FRING 4/1							
	2953150	A1A near beach and river	VACANT	?	SR	URBAN FRING 4/1							
470	2953123	A1A near beach and river	VACANT	?	SR	URBAN FRING 4/1	Stick Stick 60'			1	1		
	2953125	A1A near beach and river	VACANT	?	SR	URBAN FRING 4/1							
	2953139	A1A near beach and river	VACANT	?	SR	URBAN FRING 4/1							
	2953140	A1A near beach and river	VACANT	?	SR	URBAN FRING 4/1							
471	2953613	Hog Point PUD, West of A1A, off Lakewood Drive, Melbourne Beach	VACANT HOG POINT PUD, with pond/marsh	Facilities	GML(P)	RES	Stick Stick 60'	1					
472	2953578	A1A near Normandy Pl	VACANT	?	EA	PRV-CONS	Stick Stick 60'	1					
473	2960039	Near South Beach Comm Park	VACANT	?	AU	RES 1	Flag Pole 60'		1				
	2961448	6920 Highway A1A, Melbourne Beach	PARCEL HAS PARK ROAD ON IT	?	AU	RES 1							
	2961448	6920 Highway A1A, Melbourne Beach	S.BEACH COMM. PARK-INLET GROVE	S Area Parks Rec	PA	AGR							
	2961448	6920 Highway A1A, Melbourne Beach	S.BEACH COMM. PARK-INLET GROVE	S Area Parks Rec	PA	AGR							
474	2961448	6920 Highway A1A, Melbourne Beach	S.BEACH COMM. PARK-INLET GROVE	S Area Parks Rec	PA	AGR	Flag Pole 60'			1			
	2961448	6920 Highway A1A, Melbourne Beach	S.BEACH COMM. PARK-INLET GROVE	S Area Parks Rec	PA	AGR							
475	2956525	Nickomps Way	STATION 65 AQUARIUM FIRE STA A1A MELB BCH	Road & Bridge	PA	AGR							
476	2956288	7400 S A1A Melbourne Beach 32951	SUNNY BEACH PARK 7405 A1A MELB BCH	BCFR	GML (I)	RECREATION	DAS 25'						
477	2956287	7405 Highway A1A, Melbourne Beach	SUNNY BEACH PARK 7405 A1A MELB BCH	S Area Parks Rec	GML	PUBLIC FACILITY	Flag Pole 60'	1					
478	3008607	700 Long Point Road, Melbourne Beach	LONG POINT PARK 700 LONG PT RD S BEACHES	S Area Parks Rec	EA	CONSERVATION	Recommend deletion of this site	1					
	3008607	700 Long Point Road, Melbourne Beach	LONG POINT PARK 700 LONG PT RD S BEACHES	S Area Parks Rec	EA	CONSERVATION	Flag Pole 60'			1			
	3008607	700 Long Point Road, Melbourne Beach	LONG POINT PARK 700 LONG PT RD S BEACHES	S Area Parks Rec	EA	CONSERVATION							

No Fill = Brevard owned sites within Brevard County zoning jurisdiction
 Gray Fill = Brevard County owned sites outside Brevard County zoning jurisdiction
 Pink Fill = Propagation Signal deficiency
 Green Fill = Coastal, Urban and Rural Region

Site ID	Tax Account Number	Address/Location	Asset Name	Custodian Department	Zoning	CompPlan	Potential Use Restriction	Recommendation	Signal & Strength	Subscriber Need	Weak Coverage	Coastal	Urban	Rural
479	3009607	700 Long Point Road, Melbourne Beach	LONG POINT PARK 700 LONG PT RD S BEACHES	S Area Parks Rec	EA	CONSERVATION		Flag Pole 60'			1			1
	3009607	700 Long Point Road, Melbourne Beach	LONG POINT PARK 700 LONG PT RD S BEACHES	S Area Parks Rec	EA	CONSERVATION								
480	3009482	700 Long Point Road, Melbourne Beach	LONG POINT PARK 700 LONG PT RD S BEACHES	S Area Parks Rec	EA	CONSERVATION					1			
481	3009482	700 Long Point Road, Melbourne Beach	LONG POINT PARK 700 LONG PT RD S BEACHES	S Area Parks Rec	GML			Stick Stick 60'			1			
482	3009482	700 Long Point Road, Melbourne Beach	LONG POINT PARK 700 LONG PT RD S BEACHES	S Area Parks Rec	GML			Stick Stick 60'			1			
483	3009215	Long Point Mosquito Impoundment - Next to Long Point Park, Melbourne Beach	MOSQUITO CO (NEXT TO LG PT PARK) (KING) Melbourne Beach - OWNER BREVARD COUNTY	Mosquito	GU	SUBURBAN 2/1	Marsh/Wetlands PG.3715	Stick Stick 60 - 80'			1			1

AN ORDINANCE AMENDING CHAPTER 62, "LAND DEVELOPMENT REGULATIONS", CODE OF ORDINANCES OF BREVARD COUNTY, FLORIDA; AMENDING ARTICLE VI, ZONING REGULATIONS; SPECIFICALLY AMENDING SUBSECTION (3) OF THE FOLLOWING SECTIONS: 62-1331 GENERAL USE, GU; 62-1332 PRODUCTIVE AGRICULTURAL, PA; 62-1406 RECREATIONAL VEHICLE PARK, RVP; 62-1481 RESTRICTED NEIGHBORHOOD RETAIL COMMERCIAL, BU-1-A; 62-1482 GENERAL RETAIL COMMERCIAL, BU-1; 62-1483 RETAIL, WAREHOUSING AND WHOLESALE COMMERCIAL, BU-2; 62-1511 GENERAL TOURIST COMMERCIAL, TU-1; 62-1512 TRANSIENT TOURIST COMMERCIAL, TU-2; 62-1541 PLANNED BUSINESS PARK, PBP; 62-1542 PLANNED INDUSTRIAL PARK, PIP; 62-1543 LIGHT INDUSTRIAL, IU; 62-1544 HEAVY INDUSTRIAL, IU-1; AND SUBSECTION (1)(B)(4) OF 62-1574 FARMTON MIXED USE ZONING OVERLAY DISTRICT, FARM-1 TO REPLACE THE PHRASE "TOWERS AND ANTENNAS" WITH "WIRELESS TELECOMMUNICATION FACILITIES AND BROADCAST TOWERS"; SPECIFICALLY AMENDING SUBSECTION (3) OF SECTIONS: 62-1334.5 AGRICULTURAL RURAL RESIDENTIAL, ARR; 62-1335 RURAL ESTATE USE, REU; 62-1343 SINGLE-FAMILY ATTACHED RESIDENTIAL, RA-2-4, RA-2-6, RA-2-8 AND RA-2-10; 62-1344 RESIDENTIAL-PROFESSIONAL, RP; 62-1371 LOW-DENSITY MULTIPLE-FAMILY RESIDENTIAL, RU-2-4, RU-2-6 AND RU-2-8; 62-1372 MEDIUM-DENSITY MULTIPLE-FAMILY RESIDENTIAL, RU-2-10, RU-2-12 AND RU-2-15; 62-1373 HIGH-DENSITY MULTIPLE-FAMILY RESIDENTIAL, RU-2-30; 62-1401 RURAL RESIDENTIAL MOBILE HOME, RRMH-1, RRMH-2.5 AND RRMH-5; 62-1402 SINGLE-FAMILY MOBILE HOME, TR-1 AND TR-1-A; 62-1403 SINGLE-FAMILY MOBILE HOME, TR-2; 62-1405 SINGLE-FAMILY MOBILE HOME COOPERATIVE, TRC-1; 62-1571 ENVIRONMENTAL AREAS, EA AND 62-1573 INSTITUTIONAL USE, IN(L) AND IN(H) TO AMEND THE CONDITIONAL USE TERM FROM "TOWERS AND ANTENNA, NONCOMMERCIAL" TO "WIRELESS TELECOMMUNICATION FACILITIES AND BROADCAST TOWERS"; SPECIFICALLY AMENDING SUBSECTION (3) OF SECTIONS: 62-1334 AGRICULTURAL RESIDENTIAL, AU AND AU(L); 62-1336 RURAL RESIDENTIAL, RR-1; 62-1337 SUBURBAN ESTATE RESIDENTIAL USE, SEU; 62-1338 SUBURBAN RESIDENTIAL, SR; 62-1339 ESTATE USE RESIDENTIAL, EU, EU-1 AND EU-2; 62-1340 SINGLE-FAMILY RESIDENTIAL, RU-1-13 AND RU-1-11; 62-1341 SINGLE-FAMILY RESIDENTIAL, RU-1-9; 62-1342 SINGLE-FAMILY RESIDENTIAL, RU-1-7 AND 62-1404 MOBILE HOME PARK, TR-3 TO AMEND THE CONDITIONAL USE TERM FROM "TOWERS AND ANTENNAS, NONCOMMERCIAL (SEE DIVISION 5, SUBDIVISION III, OF THIS ARTICLE" TO "WIRELESS TELECOMMUNICATION FACILITIES AND BROADCAST TOWERS"; SPECIFICALLY REPLACING DESIGN AND LOCATION STANDARDS FOR TOWERS AND ANTENNAS AND THE BIENNIAL TOWER CONDITIONAL USE PERMIT APPLICATION CYCLE CURRENTLY IN SECTION 62-1953 TOWERS AND ANTENNAS WITH REVIEW CRITERIA FOR WIRELESS TELECOMMUNICATION FACILITIES AND BROADCAST TOWERS; DELETE SEC. 62-2124 TELEVISION DISH RECEIVERS AND ANTENNAS AS SIMILAR LANGUAGE IS BEING CREATED WITHIN SEC. 62-2447 TITLED SATELLITE EARTH STATIONS; CREATE CHAPTER 62, ARTICLE VI, DIVISION 7, COMMUNICATION FACILITIES TO ADMINISTER THE TOWER MASTER PLAN PROCESS; CREATE CHAPTER 62, ARTICLE

VI, DIVISION 7, SUBDIVISION I. TITLED GENERAL PROVISIONS TO PROVIDE FOR TITLE, INTENT, GOALS, DEFINITIONS, APPLICABILITY, EXISTING COMMUNICATION FACILITIES, EXEMPT FACILITIES, ABANDONMENT, ADMINISTRATION, ENFORCEMENT, PENALTIES, INTERFERENCE WITH PUBLIC SAFETY COMMUNICATIONS AND APPEALS; CREATE SEC. 62-2400 TITLE; CREATE SEC. 62-2401 INTENT; CREATE SEC. 62-2402 GOALS; CREATE SEC. 62-2403 DEFINITIONS; CREATE SEC. 62-2404 APPLICABILITY; CREATE SEC. 62-2405 EXISTING COMMUNICATIONS; CREATE SEC. 62-2406 EXEMPT FACILITIES; CREATE SEC. 62-2407 ABANDONMENT; CREATE SEC. 62-2408 ADMINISTRATION; CREATE SEC. 62-2409 ENFORCEMENT; CREATE SEC. 62-2410 PENALTIES; CREATE SEC. 62-2411 INTERFERENCE WITH PUBLIC SAFETY COMMUNICATIONS; CREATE SEC. 62-2412 APPEALS; CREATE CHAPTER 62, ARTICLE VI, DIVISION 7, SUBDIVISION II. PERMIT LEVELS AND GENERAL DEVELOPMENT STANDARDS TO IDENTIFY VARIOUS PERMIT LEVELS, DESIGN PREFERENCE, GENERAL DEVELOPMENT STANDARDS, MAINTENANCE AND FEES; CREATE SEC. 62-2420 PERMIT LEVELS; CREATE SEC. 62-2421 DESIGN PREFERENCE; CREATE SEC. 62-2422 GENERAL DEVELOPMENT STANDARDS; CREATE SEC. 62-2423 MAINTENANCE; CREATE SEC. 62-2424 FEES; CREATE CHAPTER 62, ARTICLE VI, DIVISION 7, SUBDIVISION III LEVEL I PERMITS; CREATE SEC. 62-2430 APPLICATION REQUIREMENTS; CREATE SEC. 62-2431 AMATEUR RADIO TOWERS; CREATE SEC. 62-2432 ANTENNA ELEMENT REPLACEMENT; CREATE CHAPTER 62, ARTICLE VI, DIVISION 7, SUBDIVISION IV LEVEL II PERMITS TO CREATE SUBSECTION FOR LEVEL II PERMITS; CREATE SEC. 62-2440 APPLICATION REQUIREMENTS; CREATE SEC. 62-2441 CO-LOCATION; CREATE SEC. 62-2442 CONCEALED, CAMOUFLAGED AND NON-CONCEALED ATTACHED ANTENNAS; CREATE SEC. 62-2443 SPECIFIC APPLICATION REQUIREMENTS FOR CO-LOCATION AND ATTACHMENT; CREATE SEC. 62-2444 MITIGATION; CREATE SEC. 62-2445 WIRELESS TELECOMMUNICATION FACILITIES ON COUNTY-OWNED PROPERTY; CREATE SEC. 62-2446 SPECIFIC APPLICATION REQUIREMENTS FOR MITIGATION AND NEW LEVEL II TOWERS; CREATE SEC. 62-2447 SATELLITE EARTH STATIONS; CREATE CHAPTER 62, ARTICLE VI, DIVISION 7, SUBDIVISION V LEVEL III PERMITS; CREATE SEC. 62-2450 APPLICATION REQUIREMENTS; CREATE SEC. 62-2451 SPECIFIC APPLICATION REQUIREMENTS FOR NEW WIRELESS TELECOMMUNICATION FACILITIES; CREATE SEC. 62-2452 SPECIFIC APPLICATION REQUIREMENTS FOR NEW BROADCAST TOWERS; PROVIDING FOR CONFLICTING PROVISIONS; PROVIDING FOR SEVERABILITY; PROVIDING FOR AREA ENCOMPASSED; PROVIDING AN EFFECTIVE DATE; AND PROVIDING FOR INCLUSION IN THE CODE OF ORDINANCES OF BREVARD COUNTY, FLORIDA.

WHEREAS, the establishment of guidelines for siting of communication facilities, including wireless telecommunication towers and other structures promotes the health, safety and welfare of the public; and

WHEREAS, the County desires to minimize impacts of communication facilities upon surrounding land uses by establishing standards for the location, structural integrity and compatibility; and

WHEREAS, the County desires to avoid potential injury to persons or property from facility failures due to windstorm hazards by creating structural standards and setback regulations; and

Communications Facilities Ordinance

DRAFT 8/14/14

WHEREAS, the County desires to encourage the location and co-location of wireless telecommunication equipment on existing structures; and

WHEREAS, the Board of County Commissioners, on August 19, 2014 directed preparation of an amendment to the Zoning Regulations as it relates to communication facilities and the adoption of a wireless telecommunications master plan; and

WHEREAS, the Building Construction Advisory Committee, on September 10, 2014, reviewed the proposed ordinance and made recommendations; and

WHEREAS, the Local Planning Agency, on September 8, 2014, reviewed the proposed ordinance and made recommendations; and

WHEREAS, the Board of County Commissioners has reviewed the recommendations of the Local Planning Agency and the Building Construction Advisory Committee and has considered the comments of interested citizens in public hearing; and

WHEREAS, the Board of County Commissioners has determined that the proposed amendment serves the public health, safety and welfare of the citizens of Brevard County.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF BREVARD COUNTY, FLORIDA, as follows:

Underline indicates additions.
~~Strike through indicates deletions.~~

SECTION 1. Subsection (3) of the following Sections: 62-1331 General use, GU; Sec. 62-1332 Productive agricultural, PA; Sec. 62-1406 Recreational vehicle park, RVP; Sec. 62-1481 Restricted neighborhood retail commercial, BU-1-A; Sec. 62-1482 General retail commercial, BU-1; Sec. 62-1483 Retail, warehousing and wholesale commercial, BU-2; Sec. 62-1511 General tourist commercial, TU-1; Sec. 62-1512 Transient tourist commercial, TU-2; Sec. 62-1541 Planned business park, PBP; Sec. 62-1542 Planned industrial park, PIP; Sec. 62-1543 Light industrial, IU; Sec. 62-1544 Heavy industrial, IU-1; and Subsection (1)(b)(4) of Section 62-1574 Farmton mixed use zoning overlay district, FARM-1 within the Code of Ordinances of Brevard County, Florida, are hereby amended to replace the phrase “towers and antennas” with “Wireless telecommunication facilities and broadcast towers”:

Sec. 62-1331. General use, GU.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1332. Productive agricultural, PA.

(3) *Conditional uses.* Conditional uses are as follows:

Communications Facilities Ordinance

DRAFT 8/14/14

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1406. Recreational vehicle park, RVP.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1481. Restricted neighborhood retail commercial, BU-1-A.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1482. General retail commercial, BU-1.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1483. Retail, warehousing and wholesale commercial, BU-2.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1511. General tourist commercial, TU-1.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1512. Transient tourist commercial, TU-2.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1541. Planned business park, PBP.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1542. Planned industrial park, PIP.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1543. Light industrial, IU.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1544. Heavy industrial, IU-1.

(3) Conditional uses. In addition to those specified in section 62-1540, conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1574(1)b.4. Farmton mixed use zoning overlay district, FARM-1.

Conditional uses. Conditional uses are as follows:

~~Towers and antennas.~~

Wireless telecommunication facilities and broadcast towers.

SECTION 2. Subsection (3) of the following Sections: 62-1334.5 Agricultural rural residential, ARR; 62-1335 Rural estate use, REU; 62-1343 Single-family attached residential, RA-2-4, RA-2-6, RA-2-8 and RA-2-10; 62-1344 Residential-professional, RP; 62-1371 Low-density multiple-family residential, RU-2-4, RU-2-6 and RU-2-8; 62-1372 Medium-density multiple-family residential, RU-2-10, RU-2-12 and RU-2-15; 62-1373 High-density multiple-family residential, RU-2-30; 62-1401 Rural residential mobile home, RRMH-1, RRMH-2.5 and RRMH-5; 62-1402 Single-family mobile home, TR-1 and TR-1-A; 62-1403 Single-family mobile home, TR-2; 62-1405 Single-family mobile home cooperative, TRC-1; 62-1571 Environmental areas, EA; and 62-1573 Institutional Use, IN(L) and IN(H) within the Code of Ordinances of Brevard County, Florida, are hereby amended to replace the phrase “towers and antennas, noncommercial” with “Wireless telecommunication facilities and broadcast towers”:

Sec. 62-1334.5. Agricultural rural residential, ARR.

(3) Conditional uses. Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1335. Rural estate use, REU.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1343. Single-family attached residential, RA-2-4, RA-2-6, RA-2-8 and RA-2-10.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1344. Residential-professional, RP.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1371. Low-density multiple-family residential, RU-2-4, RU-2-6 and RU-2-8.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1372. Medium-density multiple-family residential, RU-2-10, RU-2-12 and RU-2-15.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1373. High-density multiple-family residential, RU-2-30.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1401. Rural residential mobile home, RRMH-1, RRMH-2.5 and RRMH-5.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1402. Single-family mobile home, TR-1 and TR-1-A.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1403. Single-family mobile home, TR-2.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1405. Single-family mobile home cooperative, TRC-1.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1571. Environmental areas, EA.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1573. Institutional Use, IN(L) and IN(H).

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial.~~

Wireless telecommunication facilities and broadcast towers.

SECTION 3. Subsection (3) of the following Sections: 62-1334 Agricultural residential, AU and AU(L); 62-1336 Rural residential, RR-1; 62-1337 Suburban estate residential use, SEU; 62-1338 Suburban residential, SR; 62-1339 Estate use residential, EU, EU-1 and EU-2; 62-1340 Single-family residential, RU-1-13 and RU-1-11; 62-1341 Single-family residential, RU-1-9; 62-1342 Single-family residential, RU-1-7; and 62-1404 Mobile home park, TR-3 within the Code of Ordinances of Brevard County, Florida, are hereby amended to replace the phrase “towers and antennas (see division 5, subdivision III, of this article)” with “Wireless telecommunication facilities and broadcast towers”:

Sec. 62-1334. Agricultural residential, AU and AU(L).

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas (see division 5, subdivision III of this article) (section 62-1953).~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1336. Rural residential, RR-1.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial (see division 5, subdivision III, of this article).~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1337. Suburban estate residential use, SEU.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial (see division 5, subdivision III, of this article).~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1338. Suburban residential, SR.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial (see division 5, subdivision III, of this article).~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1339. Estate use residential, EU, EU-1 and EU-2.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial (see division 5, subdivision III, of this article).~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1340. Single-family residential, RU-1-13 and RU-1-11.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial (see division 5, subdivision III, of this article).~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1341. Single-family residential, RU-1-9.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial (see division 5, subdivision III, of this article).~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1342. Single-family residential, RU-1-7.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial (see division 5, subdivision III, of this article).~~

Wireless telecommunication facilities and broadcast towers.

Sec. 62-1404. Mobile home park, TR-3.

(3) *Conditional uses.* Conditional uses are as follows:

~~Towers and antennas, noncommercial (division 5, subdivision III, of this article).~~

Wireless telecommunication facilities and broadcast towers.

SECTION 4. Chapter 62, Article VI, Division 7. Communication Facilities. is hereby created.

SECTION 5. Chapter 62, Article VI, Division 7, Subdivision I. General Provisions. is hereby created.

SECTION 6. Section 62-2400. Title. is created as follows:

Sec. 62-2400. Title.

This Ordinance shall be known and may be cited as the “Communications Facilities Ordinance of Brevard County, Florida”.

Communications Facilities Ordinance

DRAFT 8/14/14

SECTION 7. Section 62-2401. Intent. is created as follows:

Sec. 62-2401. Intent.

The intent of this article is to establish general guidelines for the siting of towers and other structures used for the provision of communication services, including but not limited to wireless telecommunications and associated antenna, ground equipment, and accessory structures related to wireless telecommunications infrastructure, and to promote the health, safety, and general welfare of the public from:

- 1) Potential injury to citizens and damage to property from falling towers or items falling from a tower;
- 2) Potential injury to people while playing around towers and their appurtenant compounds;
- 3) Potential injury and damage to low-flying aircraft;
- 4) Potential aesthetic harm to residential communities; and
- 5) Potential negative economic impacts on the scenic tourist industry.

SECTION 8. Section 62-2402. Goals. is created as follows:

Sec. 62-2402. Goals.

The goals of this Division are to:

- 1) Minimize the impacts of communication facilities on surrounding land uses by establishing standards for location, structural integrity, and compatibility;
- 2) Avoid potential injury to persons and properties from tower failure and windstorm hazards through structural standards and setback requirements;
- 3) Preserve the scenic and visual character of the geographic area by encouraging the location, design and architectural treatment of wireless telecommunication facilities to avoid the disruption of the natural and built environment, and to ensure harmony and compatibility with surrounding land use patterns;
- 4) Facilitate the provision of communication services to residents, businesses, and visitors;
- 5) Provide a uniform and comprehensive framework for evaluating proposals for communication facilities;
- 6) Encourage builders and tenants of towers and antennas to locate them, to the extent possible, in areas where the adverse impact on the community is minimal;
- 7) Encourage the location and co-location of wireless telecommunication equipment on existing structures thereby minimizing new visual, aesthetic, and public safety impacts, effects upon the natural environment and wildlife, and to reduce the need for additional wireless telecommunications facilities;
- 8) Accommodate the growing need and demand for communication services;
- 9) Encourage coordination between suppliers and providers of communication services;
- 10) Establish predictable and balanced codes governing the construction and location of communications facilities, within the confines of permissible local regulations;
- 11) Establish review procedures to ensure that applications for wireless telecommunications facilities are reviewed and acted upon within a reasonable period of time including compliance with Section 365.172 (12), Florida Statutes, as applicable;

- 12) Respond to the policies embodied in the Federal Telecommunications Act of 1996 (47 USC §332(c)(7)), as applicable, in such a manner as not to unreasonably discriminate between providers of functionally equivalent personal wireless services or to prohibit or have the effect of prohibiting personal wireless services;
- 13) Respond to the policies embodied in Section 6409 of the Middle Tax and Job Creation Act of 2012 (47 USC §1455 (a)).
- 14) Encourage the use of public lands, buildings, and structures as locations for wireless telecommunications infrastructure;
- 15) Consideration of and compatibility with the goals and objectives of Brevard County's Comprehensive Plan; and to
- 16) Assure the tower remains in compliance with ANSI/EIA/TIA wind code standards for Brevard County, Florida.

SECTION 9. Section 62-2403. Definitions. is created as follows:

Sec. 62-2403. Definitions.

For the purpose of this Ordinance, the following terms shall have the meaning set forth in this section. When not inconsistent with the context, words used in the present tense include the future, words in the plural number include the singular, and words in the singular number include the plural. The word "shall" is always mandatory and not merely directory.

Abandoned - any tower without any mounted transmitting and/or receiving antennas in continued use.

Alternative structure - a structure that is not primarily constructed for the purpose of supporting antennas but on which one or more antennas may be mounted. Alternative structures include, but are not limited to, buildings, water tanks, light stanchions, pole signs, billboards, church steeples and electric power transmission towers.

Amateur radio tower – any tower used for amateur radio transmissions consistent with the “Complete FCC U.S. Amateur Part 97 Rules and Regulations” for amateur radio facilities.

Ancillary structure - equipment, devices and structures associated with a wireless communications facility, including but not limited to: concrete slabs on grade, guy anchors, generators, feed lines, mounting hardware, pedestals, electrical risers and transmission cable supports; however, specifically excluding equipment cabinets, towers, alternative structures and antenna elements.

Anti-climbing device – a piece or pieces of equipment, which are either attached to an antenna support structure, or which are freestanding and are designed to prevent people from climbing the structure. These devices may include but are not limited to fine mesh wrap around structure legs, the removal or absence of climbing pegs, “squirrel-cones,” or other approved devices, but excluding the use of barbed or razor wire.

Antenna - any apparatus designed for the transmitting and/or receiving of electromagnetic waves, including but not limited to: telephonic, radio, wireless, or television communications. Types of antenna include, but are not limited to: omni-directional (whip) antennas, sectionalized (panel) antennas, multi or single bay (FM & TV), yagi, or parabolic (dish) antennas, and in the case of AM broadcast facilities the actual tower structure.

Antenna array - a group of antennas and associated mounting hardware, transmission lines, or other appurtenances which share a common attachment device such as a mounting frame or common mounting

support structure for a unified purpose of transmitting and/or receiving electromagnetic waves for a single wireless services provider, or if combined antennas, for the combined providers.

Antenna system – any antenna or antenna array.

ASR - the Antenna Structure Registration number as required by the FAA and FCC for towers that exceed 200 feet in height or may interfere with flight paths.

Antenna support structure – See “Tower”

Attached antenna – an antenna element attached to an alternative structure.

Base station - the electronic equipment utilized by the wireless telecommunication provider(s) for the transmission and/or reception of radio signals.

Board – the Board of County Commissioners of Brevard County, Florida.

Breakpoint technology - the engineering design of a tower wherein a specified point on the tower is designed to have stresses concentrated so that the breakpoint is at least five percent more susceptible to failure than any other point along the tower so that in the event of a structural failure of the tower, the failure will occur at the breakpoint rather than at the base plate, anchor bolts, or any other point on the tower.

Brevard County Wireless Telecommunication Facilities Master Plan also referred to as the Wireless Telecommunication Master Plan or Master Plan is that certain document prepared by CityScape Consultants, Inc., dated [REDACTED], 2014, adopted by the county and incorporated as part of this Ordinance by this reference. The Master Plan includes a table of county-owned sites potentially available for the location of wireless telecommunication facilities with design recommendations for each site and an inventory of all existing facilities throughout the county. The purpose of the Master Plan is to develop strategies for the improvement of future deployment practices within the county.

Broadcast facilities – towers, antennas, and/or antenna arrays for FM/TV/broadcasting transmission facilities, and tower(s) utilized as antennas for an AM broadcast station that are licensed by the Federal Communications Commission.

Broadcast tower – a tower built primarily for broadcast facilities, but which may also be used for co-location of other wireless telecommunications facilities.

Camouflage – camouflaged antenna systems and/or towers use paint instead of structure to blend into its surroundings; for example, matching the color of the structure upon which the system is attached or if separate and distinct from its surroundings colored to match the sky or nearby vegetation.

Coastal area – defined in the master plan as that area of the barrier islands east of the Banana and Indian Rivers.

Co-location – the practice of installing and operating multiple antenna systems, which are owned or controlled by multiple wireless service providers, and/or radio common carrier licensees on the same tower, antenna support structure, or alternative structure using different and separate antenna, feed lines, equipment cabinets, generators and other radio frequency generating equipment.

Combined antenna – an antenna or an antenna array designed and utilized to provide wireless telecommunications services for more than one wireless provider, or a single wireless provider utilizing more than one frequency band or spectrum, for the same or similar type of services.

Communication facilities – is the general term used to collectively describe all the various communication towers, antennas, networks, systems, arrays, equipment, devices and structures defined in this Ordinance.

Concealed – a tower, antenna system or ancillary structure, or equipment compound that is not readily identifiable as such, and is designed to be aesthetically compatible with existing and proposed building(s) and uses on a site so as to reduce or mitigate the facility's potential adverse visual impacts on the surrounding areas. There are two types of concealed facilities: 1) antenna attachments, and 2) freestanding antenna support structures. Examples of concealed attached facility include, but are not limited to the following: antenna systems enclosed within canisters, faux windows, dormers or other architectural features that blend with an existing or proposed building or structure. Freestanding concealed antenna support structures usually have a secondary, obvious function which may be, but is not limited to the following: church steeple, windmill, bell tower, clock tower, light standard, flagpole with or without a flag, or tree.

County – the Board of County Commissioners of Brevard County, Florida.

Equipment cabinet – any structure, including: cabinets, shelters, pedestals, and other similar structures that are used exclusively or in combination with ancillary facilities, to contain radio or other equipment necessary for the transmission or reception of wireless communication signals.

Equipment compound – the fenced area surrounding the ground-based wireless communication facility that includes the following: the tower or antenna support structure's framework and ancillary structures such as equipment necessary to operate the antenna, cabinets, shelters, pedestals, emergency generators and other similar structures.

FAA - the Federal Aviation Administration.

FCC – the Federal Communications Commission.

Feed lines – coaxial cables, power cables, and/or fiber optic cables used as the interconnecting media between the equipment cabinet and the antenna. .

Flush-mounted – any antenna or antenna array attached directly to the tower or alternative structure such that no portion of the antenna extends above the height of the tower or alternative structure. Where a maximum flush-mounting distance is given, that distance shall be measured from the outside edge of the tower or alternative structure to the inside edge of the antenna.

Geographic search ring – an area designated by a wireless provider or operator for a new base station and antenna elements, produced in accordance with generally accepted principles of wireless engineering.

Guyed tower – a style of tower consisting of a single truss assembly composed of sections with cross bracing incorporated. The sections are attached to each other, and the assembly is attached to a foundation and supported by a series of wires that are connected to anchors placed in the ground or on a building.

Handoff candidate – a wireless telecommunication facility that receives call transference from another wireless facility, usually located in an adjacent first "tier" surrounding the initial wireless facility.

Lattice tower – a self-supporting tapered style of tower that consists of vertical and horizontal supports with multiple legs and cross-bracing and metal crossed diagonal strips or rods to support antennas.

Microcell - a microcell is a cell in a mobile phone network served by a low power cellular base station (tower), covering a limited area such as a mall, a hotel, or a transportation hub.

Mitigation – a modification of an existing antenna support structure to increase the height or to improve its integrity, by replacing or removing one or several antenna support structures located in proximity to a

proposed new antenna support structure in order to encourage compliance with this article or improve aesthetics or functionality of the overall wireless network. Mitigation may also include replacement of an existing tower or antenna support structure with a new tower or antenna support structure which mitigates the impacts of its predecessor.

Monopole tower – a style of free-standing tower consisting of a single shaft usually composed of two or more hollow sections used to conceal all feed lines that are in turn attached to a foundation. This type of tower is designed to support itself without the use of guy wires or other stabilization devices. These facilities are mounted to a foundation that rests on or in the ground or on a building’s roof.

Non-concealed – a wireless communication facility that is readily identifiable as such and can be either freestanding or attached.

Personal communication service (PCS) – commercial mobile services, unlicensed wireless services, and common carrier wireless exchange access services, as defined in the Federal Telecommunications Act of 1996.

Provider’s designed service – the configuration and manner of deployment of wireless communications services the wireless services provider has designed for an area as part of its network.

Public safety communications equipment – all communications equipment utilized by a public entity for the purpose of ensuring the safety of the citizens of the county.

Replacement – the removal of an existing tower for purposes of erecting a new tower of nearly equal dimensions usually for the purposes of improved structural integrity.

Rural area - defined in the master plan as that area where there are fewer than 100 addresses per square mile.

Satellite earth station – a single or group of parabolic (or dish) antennas mounted to a support device that may be a pole or truss assembly attached to a foundation in the ground, or in some other configuration. A satellite earth station may include the associated separate equipment cabinets necessary for the transmission or reception of wireless telecommunications signals with satellites.

Substantial increase in size occurs when:

1) the mounting of the proposed antenna on the tower would increase the existing height of the tower by more than 10%, or by the height of one additional antenna array with separation from the nearest existing antenna not to exceed twenty feet, whichever is greater, except that the mounting of the proposed antenna may exceed the size limits described above if necessary to avoid interference with existing antennas; or

2) the mounting of the proposed antenna would involve the installation of more than the standard number of new equipment cabinets for the technology involved, not to exceed four, or more than one new equipment shelter; or

3) the mounting of the proposed antenna would involve adding an appurtenance to the body of the tower that would protrude from the edge of the tower more than twenty feet, or more than the width of the tower structure at the level of the appurtenance, whichever is greater, except that the mounting of the proposed antenna may exceed the size limits described above if necessary to shelter the antenna from inclement weather or to connect the antenna to the tower via cable; or

4) the mounting of the proposed antenna would involve excavation outside the current tower site, defined as the current boundaries of the leased or owned property surrounding the tower and any access or utility easements currently related to the site.

Tower – a vertical projection composed of metal or other material with or without a foundation that is designed for the express purpose of accommodating antennas at a desired height. Towers do not include any device used to attach antennas to an existing building, unless the device extends above the highest point of the building by more than twenty (20) feet. Types of towers include the following: guy, lattice and monopole structures.

Tower base – the above ground portion of the foundation, usually concrete, on which the tower is situated. For measurement calculations, the tower base is that point on the foundation reached by dropping a perpendicular line from the geometric center of the tower.

Tower height – for ground mounted towers, the vertical distance measured from the average elevation of the finished development grade of the building site to the highest point of the tower, including any antenna, lighting, lightning protection or other equipment affixed thereto. For roof mounted towers, the vertical distance measured from the flat roof section where the tower is mounted to the highest point of the tower, including any antenna, lighting, lightning protection or other equipment affixed thereto.

Tower setback – the minimum distance a tower is located from the property line of the parent tract.

Tower site – the land area that contains, or will contain, a proposed tower, support structures and other related buildings and improvements. Tower sites are confined within a parent tract if non-leased or when leased within the designated area of the lease.

Transmission – the development of a radio signal from an antenna device for the purpose of communications or communication of data.

Transmission line - see “Feed line” – a coaxial cable intended to convey radio frequency between a transmitter/receiver to an antenna.

Urban area - defined in the master plan as that area where there are more than 100 addresses per square mile.

Wireless telecommunications facility (WTCF) - any staffed or unstaffed location for the transmission and/or reception of radio frequency signals, or other wireless communications, and usually consisting of an antenna or group of antennas, transmission cables fiber optic cables, DC power cables, and equipment cabinets, and may include a tower. The following shall be deemed a wireless communications facility: new, mitigated, or existing towers, public towers, replacement towers, antenna co-location on existing towers, attached wireless communications facilities, concealed wireless communication facilities, non-concealed wireless communication facilities.

SECTION 10. Section 62-2404. Applicability. is created as follows:

Sec. 62-2404. Applicability.

This Ordinance shall apply to the development activities within the unincorporated area of the county, including installation, construction, or modification of all communications facilities including but not limited to:

- 1) Amateur radio station antennas and structures consistent with the requirements of Section 166.0435, Florida Statutes.
- 2) Satellite earth stations larger than one (1) meter in diameter.
- 3) Existing antenna support structures.
- 4) Proposed antenna support structures.

Communications Facilities Ordinance

DRAFT 8/14/14

- 5) Replacement of existing antenna support structures.
- 6) Mitigation of antenna support structures.
- 7) Co-location on existing antenna support structures.
- 8) Attached wireless communications facilities.
- 9) Camouflaged wireless communications facilities.
- 10) Concealed wireless communications facilities.
- 11) Broadcast facilities.

SECTION 11. Section. 62-2405. Existing communications facilities. is created as follows:

Sec. 62-2405. Existing communications facilities.

Communications facilities existing prior to the adoption of this Ordinance on October 2, 2014, or permitted prior to the adoption of this Ordinance shall be allowed to continue to operate in compliance with all requirements set forth by the county at the time of approval.

SECTION 12. Section 62-2406. Exempt facilities. is created as follows:

Sec. 62-2406. Exempt facilities.

Communications facilities shall be constructed and maintained in conformance with all applicable building code and site plan requirements. The following are exempt from the provisions of this Ordinance; notwithstanding any other provisions:

- 1) Satellite earth stations that are one (1) meter (39.37 inches) or less in diameter.
- 2) A government-owned communications facility, upon the declaration of a state of emergency by federal, state, or local government, and a written determination of public necessity by the county manager or designee; except that such facility must comply with all federal and state requirements. No communications facility shall be exempt from the provisions of this division beyond the duration of the state of emergency.
- 3) A government-owned communications facility erected for the purposes of installing antenna(s) and ancillary equipment necessary to provide communications for public health and safety.
- 4) A temporary, commercial communications facility, upon the declaration of a state of emergency by federal, state, or local government; except that such facility must comply with all federal and state requirements. The communications facility may be exempt from the provisions of this division up to three (3) months after the duration of the state of emergency.
- 5) A temporary, commercial communications facility, for the purposes of providing coverage of a special event such as news coverage or sporting event, except that such facility must comply with all federal and state requirements. Said communications facility may be exempt from the provisions of this division up to one (1) week after the duration of the special event.
- 6) Licensees using the FCC's Industrial/Business Pool radio frequencies with towers not exceeding 35 feet in height measured from the average elevation of the finished development grade of the building site are permitted in every zoning classification as an accessory structure to a developed primary use. This exemption shall be utilized only for local, private communication purposes (i.e. cab service, dispatch and tow trucks) not exceeding 35 feet in height. Communication

service subscriptions shall be prohibited. Personal wireless services and WTCFs shall not be permitted pursuant to this exemption.

SECTION 13. Section 62-2407. Abandonment (discontinued use). is created as follows:

Sec. 62-2407. Abandonment (discontinued use).

- 1) Communications facilities and the equipment compound shall be removed, at the owner's expense, within 180 days of cessation of use, unless the abandonment is associated with a mitigation as provided in Section 62-2444(7), in which case the removal shall occur within ninety (90) days of cessation of use.
- 2) An owner wishing to extend the time for removal or reactivation shall submit an application stating the reason for such extension. The county manager or designee may extend the time for removal or reactivation up to sixty (60) additional days upon a showing of good cause. If the facilities are not removed within this time, the county may give notice that it will contract for removal within thirty (30) days following written notice to the owner. Thereafter, the county may cause removal of the facilities and equipment compound with costs being borne by the owner.
- 3) Upon removal of the facilities and equipment compound, the development area shall be returned to its natural state and topography and vegetated consistent with the natural surroundings or consistent with the current uses of the surrounding or adjacent land at the time of removal, excluding the foundation, which does not have to be removed.

SECTION 14. Section 62-2408. Administration. is created as follows:

Sec. 62-2408. Administration.

This Ordinance shall be administered and enforced by the county manager or designee. The county may, through contract, secure the professional services of communications consultants to assist county staff in the implementation of this Ordinance. Such professional, services include, but are not limited to, review and evaluation of permit applications, determination of compliance with existing and proposed Federal regulations, minimization of the aesthetic impact, review of the technical data and expert testimony as needed.

SECTION 15. Section 62-2409. Enforcement. is created as follows:

Sec. 62-2409. Enforcement.

If the county manager or designee shall find that any of the provisions of this Ordinance are being violated, it shall notify in writing the person responsible for the violation, specifying the nature of the violation and what corrective measures must be taken. The county manager or designee shall order discontinuance of illegal use of land, buildings, or structures; removal of illegal buildings or structures or of additions, alterations, or structural changes thereto; discontinuance of any illegal work being done; or shall take any other action authorized by law to insure compliance with or to prevent violation of the provisions of this Ordinance. The county may seek enforcement action against both the record owner of the property and any other person or entity responsible for carrying out any prohibited action.

SECTION 16. Section 62-2410. Penalties. is created as follows:

Sec. 62-2410. Penalties.

Penalties for violations of this Ordinance shall be as specified in Sections 125.69 or Ch. 162, Florida Statutes, as amended, or any other appropriate remedy provided by law. Each day such violation exists shall constitute a separate offense.

SECTION 17. Sec. 62-2411. Interference with public safety communications. is created as follows:

Sec. 62-2411. Interference with public safety communications.

In order to facilitate the regulation, placement, and construction of antenna(s), and to ensure that all parties are complying to the fullest extent possible with the rules, regulations, and/or guidelines of the FCC, each owner of an antenna, antenna array or applicant for a co-location shall demonstrate:

- 1) Compliance with "good engineering practices" as defined by the FCC in its rules and regulations.
- 2) Compliance with FCC regulations regarding susceptibility to radio frequency interference, frequency coordination requirements, general technical standards for power, antenna, bandwidth limitations, frequency stability, transmitter measurements, operating requirements, and any and all other federal statutory and regulatory requirements relating to radio frequency interference (RFI).
- 3) In the case of an application for co-located, upgraded, or modified wireless communications facilities, the applicant, together with the owner of the subject site, shall use their best efforts to provide a composite analysis of all users of the site to determine that the applicant's proposed facilities will not cause radio frequency interference with the county's public safety communications equipment and will implement appropriate technical measures, as described in antenna element replacements, to attempt to prevent such interference.
- 4) Whenever the county has encountered radio frequency interference with its public safety communications equipment, and it believes that such interference has been or is being caused by one or more antenna arrays, the following steps shall be taken:
 - a. The county shall provide notification to all wireless service providers operating in the area of possible interference with the public safety communications equipment, and upon such notifications, the owners shall use their best efforts to cooperate and coordinate with the county and among themselves to investigate and mitigate the interference, if any, utilizing the procedures set forth in the joint wireless industry-public safety "Enhanced Best Practices Guide," released by the FCC in Appendix D of FCC 04-168 (released August 6, 2004), including the "Good Engineering Practices," as may be amended or revised by the FCC from time to time in any successor regulations.
 - b. If any equipment owner fails to cooperate with the county in complying with the owner's obligations under this section or if the FCC makes a determination of radio frequency interference with the county public safety communications equipment, the owner who failed to cooperate and/or the owner of the equipment which caused the interference shall be responsible, upon FCC determination of radio frequency interference, for reimbursing the county for all costs associated with ascertaining and resolving the interference, including but not limited to any engineering studies obtained by the county to determine the source of the interference. For the purposes of this subsection, failure to cooperate shall include failure to initiate any response or action as described in the "Best Practices Guide" within twenty-four (24) hours of county's notification.

SECTION 18. Section 62-2412. Appeals. is created as follows:

Sec. 62-2412. Appeals

Appeals from the administrative enforcement and interpretation of this Ordinance may be filed pursuant to Section 62-301. Any aggrieved or adversely affected party with legal standing may challenge a quasi-judicial decision of the Board of County Commissioners by filing an action for appropriate relief in a court of competent jurisdiction within thirty (30) days of the date the decision was rendered.

SECTION 19. Chapter 62, Article VI, Division 7, Subdivision II. Permit levels and general development standards. is hereby created.

SECTION 20. Section 62-2420. Permit levels. is created as follows:

Sec. 62-2420. Permit levels.

- 1) Permit (Level I) - The development order (building permit) issued by the county manager or designee to an individual, corporation, partnership, or other entity to engage in the creation of:
 - a. An amateur radio tower not exceeding 100 feet in height, in accordance with the provisions of Section 166.0435, Florida Statutes, as amended.
 - b. An antenna element replacement that does not cause a substantial increase in the size of the existing structure or tower.
- 2) Permit (Level II) - The development order (site plan and/or building permit) issued by the county manager or designee to an individual, corporation, partnership, or other entity to engage in
 - a. Wireless telecommunication facilities development on county-owned properties.
 - b. Concealed, camouflaged or non-concealed attached antenna on utility structures not located within county-owned properties.
 - c. Co-located facilities on existing tower, building or water tank not located within county-owned properties.
 - d. Mitigation of an existing tower.
 - e. A satellite earth station greater than one (1) meter in diameter.
 - f. Wireless communication facilities, towers and antenna not exceeding 35 feet in height.
- 3) Permit (Level III) - The conditional use permit issued by the Board of County Commissioners, pursuant to the public hearing process and requirements set forth in Sections 62-1901 and 62-1953, to an individual, corporation, partnership, or other entity to engage in the creation of:
 - a. All wireless telecommunication facilities not authorized under permit levels 1 or 2.
 - b. Communication facilities identified as a level 1 or 2 permit that exceed the development standards designated by this Ordinance.
 - c. Broadcast towers.

SECTION 21. Section 62-2421. Design preference. is created as follows:

Section 62-2421. Design preference.

Design of a new wireless telecommunications facility (antenna array or new tower), co-location, or combined antenna shall be in accordance with the following order (1 – most preferred, 6(c) – least preferred):

1. Concealed attached antenna.
2. Camouflaged non-concealed attached antenna.
3. New concealed tower.

Communications Facilities Ordinance

DRAFT 8/14/14

4. Mitigation of existing tower.
5. Camouflaged tower.
6. New non-concealed.
 - a. Monopole.
 - b. Lattice.
 - c. Guyed.

Where a less preferred design is proposed, the applicant must file an affidavit by a radio frequency engineer demonstrating that despite diligent efforts to adhere to the established hierarchy within the geographic search area, the more preferred options are not technically feasible, practical or justified given the location of the proposed wireless telecommunications facility.

SECTION 22. Section 62-2422. General development standards. is created as follows:

Sec. 62-2422. General development standards.

The following design standards apply generally to all WTCF antenna, antenna support structures and towers unless a different design standard is identified in the specific permit level requirements.

1) Minimum setbacks:

- a. Residential setback. All WTCFs must be setback from residentially zoned properties, excluding the property that the facility is located on, at a distance equal to twice the height of the proposed tower.
- b. For all other WTCFs:
 - i. If the WTCF is constructed using breakpoint design technology, the minimum setback distance shall be equal to 110 percent of the distance from the top of the structure to the breakpoint level of the structure, or the minimum side and rear yard requirements, whichever is greater. Certification by a registered professional engineer licensed by the State of Florida of the breakpoint design and the design's fall radius must be provided together with the other information required from an applicant. (For example, on a 100 foot tall monopole with a breakpoint at eighty (80) feet, the minimum setback distance would be twenty-two (22) feet (110 percent of 20 feet, the distance from the top of the monopole to the breakpoint) if the minimum side or rear yard setback requirements for that zoning classification is less than 22 feet.)
 - ii. If the WTCF is not constructed using breakpoint design technology, the minimum setback distance from the property line shall be equal to 110 percent of the height of the proposed tower.

2) Height.

The master plan recommends maximum heights for new towers according to location in a coastal, urban or rural area. These recommendations are based on signal propagation mapping of existing sites, compatibility with current land development patterns, and location of population centers (service need). The maximum recommended heights are: 80' in coastal areas, 120' in urban areas, and 199' feet in rural areas. All conditional use permit applications that seek to exceed these maximum heights will be required to provide written certification from a radio frequency (RF) engineer licensed in the State of Florida stating that the maximum height recommendation will not

satisfy the proposed service network objective and that the proposed height is the minimum necessary to satisfy those needs.

3) Co-location.

- a. All commercial towers must be constructed to permit co-location by other service providers where feasible. The term "where feasible," as it applies to co-location, means that utilization of a tower by another party would, at the time of such utilization, comply with sound engineering principles, would not materially degrade or impair the communication tower's utilization by existing users, would not unduly burden the tower structurally, and would not otherwise materially and adversely impact existing users. Reasonable terms for use of a communication tower that may be imposed by the owner include a requirement for reasonable rent or fees, taking into consideration the capitalized cost of the communication tower and land, the incremental cost of designing and constructing the tower so as to accommodate additional users, increases in maintenance expenses relating to the tower and a fair return on investment, provided such amount is also consistent with rates paid by other providers at comparable tower sites.
- b. All towers taller than sixty (60) feet in height shall be engineered and constructed to accommodate no less than three (3) antenna arrays.

4) Lighting.

- a. All towers required by the FAA to be lit must use the minimum number of warning and obstruction lights having the minimum intensity and number of flashes per minute permitted by the Federal Aviation Administration (FAA). County lighting standards on towers/antenna from 60 feet to 100 feet in height require a single red light on the top of the structure; towers/antenna between 100 feet to 200 feet will require dual red lights, one located at mid-height and the second located at the top of the structure; refer to Section 210-1 for exemptions.
- b. As provided for in section 210-1, where lighting is required by Brevard County Mosquito Control on towers equal to or less than 200 feet in height, the frequency of high intensity lighting shall not exceed 20 flashes per minute.
- c. All lights on towers and antennas of any height shall be up-shielded.
- d. Where permitted, guyed towers shall use daytime visual markers (e.g., bird diverter devices) on the guy wires to reduce collisions by migratory birds.
- e. Third party: Third party (i.e., private sector tower company) tower construction projects on county lands are subject to the provisions of this section, unless the third party is acting on behalf of the federal or state government. A tower constructed by a third party on behalf of the federal or state government does not require local permits.

5) Equipment cabinets: Cabinets shall not be visible from pedestrian views. Cabinets may be provided within the principal building, behind a screen on a rooftop, or on the ground within the fenced-in and screened equipment compound.

6) Equipment Compound: The fenced in compounds shall not be used for the storage of any excess equipment or hazardous materials. No outdoor storage yards shall be allowed in a tower equipment compound, and the compound shall not be used as habitable space.

7) Fencing: All equipment compounds shall be enclosed with an opaque fence or similar structure.

8) Buffers: The equipment compound shall be landscaped with a minimum fifteen (15) foot wide perimeter buffer containing the following planting standards (See Section 62-4332 for defined terms):

- a. At least fifty percent (50%) of trees required for preservation and planting shall be of native species. At least fifty percent (50%) of shrubs and groundcovers shall be native species or recommended by "Waterwise Florida Landscapes" (2004), Florida Water Management Districts, as may be amended. Vegetation defined as Non-Native Invasive or Undesirable Plants per Section 62-4332 shall not be credited towards fulfillment of preservation or planting requirements.
- b. Satisfaction of the landscaping standards shall be achieved through the preservation of existing native vegetation to the greatest extent feasible. When the minimum landscaping standards cannot be achieved through preservation, plantings of new vegetation shall be required to meet the standards. Replacement tree criteria as outlined in Section 62-4341 (18) shall be met.
- c. One (1) row of large species trees with a minimum twelve (12) feet tall with two and one-half (2.5) inch diameter (caliper) minimum and five (5) foot spread, twenty-five (25) foot on center. Shrubs capable of creating a continuous hedge and obtaining a height of at least six (6) feet shall be planted, minimum three (3) gallon and twenty-four (24) inches tall at the time of planting, five (5) foot on center.
- d. Proposed landscape material, design, required removal of exotics and plant installation shall be consistent with Chapter 62, Article XIII, Division 2 - Landscaping, Land Clearing & Tree Protection.
- e. Landscaping plans which provide for the same average canopy and understory trees but propose alternative siting on the entire subject property on which the proposed facility is projected may be considered and approved by the county, provided the proposed alternative maximizes screening as provided above, and is otherwise consistent with the requirements of this section.

9) Signage:

- a. Signage is required to be placed upon an antenna support structure, equipment cabinets, or fence for the purpose of identifying the antenna support structure (either by the ASR registration number or other identifying information), as well as the party responsible for the operation and maintenance of the facility; i.e. the address and telephone number, security or safety signs, and property manager signs (if applicable).
- b. If more than two hundred twenty (220) volts are necessary for the operation of the facility and are utilized within the equipment compound or in the antenna support structure, signs located every twenty (20) feet and attached to the fence or wall shall display in large, bold, high contrast letters (minimum height of each letter four (4) inches) the following: "HIGH VOLTAGE - DANGER."
- c. All other signage is prohibited.

SECTION 23. Section 62-2423. Maintenance. is created as follows:

Communications Facilities Ordinance

DRAFT 8/14/14

Sec. 62-2423. Maintenance.

Every five years, the owner of any tower and wireless communication facilities shall submit to the county building official a sealed statement from a registered professional engineer that the structure is sound. The certification shall be due by the end of the month upon each anniversary of the issuance of the building permit. If the report is not provided within 14 days after receipt of written notice by the CUP holder and property owner, towers which have not been certified shall be considered dilapidated and shall be removed by the property owner. Subject to subsection 62-1953 (4), if the property owner fails to remove the tower within 30 days after receiving notice to effect removal, the county shall have the right to remove such tower and impose a lien on the site which was the subject of the application.

SECTION 24. Section 62-2424. Fees. is created as follows:

Sec. 62-2424. Fees.

- 1) The county shall set a fee to cover the necessary processing cost of all communications facilities permits required by this Ordinance. The set fee shall be established by resolution and posted in the Planning and Development Department.
- 2) The county reserves the right to require a supplemental review for any Permit (Level I, II, or III) subject to the following:
 - a) Where due to the complexity of the methodology or analysis required to review an application for a Permit (Level I, II, or III) facility, the county may require the applicant to pay for a technical review by a third party expert, the costs of which shall be borne by the applicant and be in addition to other applicable fees. Schedules of current fees are listed in the Fee Schedule.
 - b) Based on the results of the expert review, the approving authority may require changes to the applicant's application or submittals.
 - c) The supplemental review may address any or all of the following:
 1. The accuracy and completeness of the application and any accompanying documentation.
 2. The applicability of analysis techniques and methodologies.
 3. The validity of conclusions reached.
 4. Whether the proposed communications facility complies with the applicable approval criteria set forth in these codes.
 5. Other items deemed by the county to be relevant to determining whether a proposed communications facility complies with the provisions of these codes.

SECTION 25. Chapter 62, Article VI, Division 7, Subdivision III. Level I Permits. is hereby created.

SECTION 26. Section 62-2430. Application requirements. is created as follows:

Sec. 62-2430. Application requirements.

Permit Level I applications shall contain the following:

- 1) Application fee
- 2) Complete building permit application

SECTION 27. Section 62-2431. Amateur radio towers. is created as follows:

Sec. 62-2431. Amateur radio towers.

- 1) Applicant shall confirm there will be no commercial radio attachments and shall provide a copy of a valid FCC amateur operator's license, as required by 47 C.F.R. §97.5.
- 2) Height: Tower height and location shall comply with applicable federal and state law regarding amateur radio towers, including the requirements of Section 166.0435, Florida Statutes, and Amateur Radio Preemption, 101 FCC2d 952 (1985) ("PRB-1"). Proposed towers that are 100 feet in height or less will only require a building permit. Any specific location request or height request from an amateur tower applicant in excess of 100 feet shall seek a conditional use permit pursuant to the procedures set forth in section 62-1901 and section 62-1953.
- 3) Minimum Setback Requirements
 - a. A distance equal to the height of the tower shall separate new amateur radio towers from property lines, right-of-way lines and/or easements when not using breakpoint technology. If the antenna support structure has been constructed using breakpoint design technology, the minimum setback distance shall be equal to 110 percent of the distance from the top of the structure to the breakpoint level of the structure, or the minimum side and rear yard requirements, whichever is greater.
 - b. Relocation or replacement of a nonconforming amateur radio tower is permissible if relocated on same parcel. The new location must comply with current ordinance setback requirements, or, if compliance is not possible, the relocation must not increase the amount by which setbacks are nonconforming, other than increases necessitated solely by changes in size of the base to support the new tower.
- 4) Location: Towers must be located behind the front building line of the principal structure.

SECTION 28. Section 62-2432. Antenna element replacement. is created as follows:

Sec. 62-2432. Antenna element replacement.

- a. Replacement of existing antenna elements shall be permitted provided that the replacement does not increase the height or wind loading of the subject facility or add additional frequencies. In those cases where a substantial increase in size is necessitated by a proposed co-location and would result in a tower that would require a conditional use permit, the applicant shall seek a conditional use permit pursuant to the procedures set forth in section 62-1901 and section 62-1953.
- b. Replacement antennas added to non-concealed towers must be painted to match the structure upon which they will be placed, if possible. Antenna systems added to concealed towers shall also be concealed.

SECTION 29. Chapter 62, Article VI, Division 7, Subdivision IV. Level II Permits. is hereby created.

SECTION 30. Sec. 62-2440. Application requirements. is created as follows:

Sec. 62-2440. Application requirements.

Permit Level II applications shall contain the following:

- 1) Application fee
- 2) Complete building permit application

- 3) Complete zoning package including one copy of a full sized reproducible fully dimensioned site plan, signed and sealed by a registered land surveyor, engineer or architect. The site plan must show all existing and proposed structures on the property including the tower and equipment building(s), structure heights, parking, ingress/egress, landscaping, refuse, screening or buffering and storm water retention areas as well as tower elevations from the front, rear and sides, including height, style, type and number of antennas to be installed. The legend shall include NAD83 latitude and longitude of the proposed tower and State Plane Coordinates and should be submitted in paper and electronic format.
- 4) Complete site plan application. (See Sections 62-3200 through 62-3207)
- 5) Specific application requirements for co-location and attachment (See Section 62-2441 – 62-2443)
- 6) Specific application requirements for mitigation and new towers (See Section 62-2444)

SECTION 31. Section 62-2441. Co-location. is created as follows:

Sec. 62-2441. Co-location.

The county requires co-location and combining of antennas on existing communications towers as a first priority where co-location is possible. Co-locations are subject to the following:

- 1) A co-located or combined antenna or antenna array shall not exceed the maximum height prescribed in the conditional use permit (if applicable) or increase the height of an existing tower by more than twenty (20) feet and shall not affect any tower lighting.
- 2) New antenna mounts shall be flush-mounted onto existing structures, unless it is demonstrated through radio frequency (RF) propagation analysis that flush-mounted antennas will not meet the network objectives of the desired coverage area.
- 3) The equipment cabinet shall be subject to the setback requirements of the underlying zoning district.
- 4) When a co-located or combined antenna is to be located on a nonconforming building or structure, then the existing permitted nonconforming setback shall prevail.
- 5) Applications entitled to the streamlined processes described in Section 365.172(12), Florida Statutes, shall meet all the following requirements:
 - a. The additional antenna array, transmission lines, and related ancillary equipment including the base station shall not exceed the number of same items previously approved for such tower when originally approved, and the co-located facility is in conformance with the original zoning conditions imposed on the tower upon which it is being attached.
 - b. The proposed co-location shall not increase the overall height and width of the tower or telecommunications support structure to which the proposed infrastructure is to be attached.
 - c. The co-location shall not increase the ground space area, commonly known as the compound, approved in the antenna support facility site plan for equipment enclosures and ancillary facilities.
 - d. The existing tower on which the co-location will attach shall comply with applicable regulations, restrictions, or conditions, if any, applied to the initial telecommunications facilities placed on the tower.
 - e. The proposed additional co-location and tower shall comply with all federal, State and local safety requirements.

- f. The proposed co-location and ancillary equipment shall comply with the ANSI/EIA/TIA-222 (as amended) code for Brevard County, Florida.

6) Applications for co-location entitled to streamlined processing pursuant to Section 6409 of the Middle Class Tax Relief and Job Creation Act of 2012 shall be approved provided they meet the following requirements:

- a. A co-location on an existing antenna-supporting structure shall not increase the overall height of the antenna-supporting structure, antenna and/or antenna array more than 10% or 20 feet, whichever is greater, and shall not cause the width (girth) of the structure to be increased more than 20 feet or the existing girth of the structure, whichever is greater.
- b. Any co-location on an existing antenna-supporting structure shall meet current building code requirements (including wind loading).
- c. A co-location shall not add more than 4 additional equipment cabinets or 1 additional equipment shelter to be eligible as a co-location under this subsection.
- d. A co-location eligible under this subsection shall not require excavation outside of existing leased or owned parcel or existing easements.
- e. Proposed co-locations that do not meet the standards of this subsection shall be processed either pursuant to subsection (5) above or pursuant to this Section 62-2420(3), as applicable.

SECTION 32. Sec. 62-2442. Concealed, camouflaged and non-concealed attached antenna. is created as follows:

Sec. 62-2442. Concealed, camouflaged and non-concealed attached antenna.

Concealed, camouflaged and non-concealed attached antenna shall be subject to the following:

- 1) The placement of antennas on buildings and other structures is encouraged and preferred over the installation of towers or monopoles. Where feasible, co-location of facilities and minimum number of antennas shall be evaluated to determine the proposed facility has been designed properly.
- 2) New antenna shall be flush-mounted onto existing structures, unless it is demonstrated through RF propagation analysis that flush-mounted antennas will not meet the network objectives of the desired coverage area.
- 3) The top of the attached antenna shall not be more than twenty (20) feet above the existing structure. In those cases where a substantial increase in size is necessitated by the proposed co-location and would result in a tower that would require a conditional use permit if being reviewed for the first time, the applicant shall seek a conditional use permit pursuant to the procedures set forth in section 62-1901 and section 62-1953 and the tower shall be subject to setback criteria as if being permitted for the first time.
- 4) Equipment cabinets shall be located within the existing building, existing equipment compound or behind an opaque enclosure matching the architectural designs and colors of the principal building or structure.
- 5) If the existing equipment compound is not sized adequately to accommodate the new proposed ground equipment, then a revised site plan of the original tower site shall be submitted addressing the overall ground

space for said tower. New equipment cabinets are subject to the underlying zoning setbacks and current buffer and screening requirements.

6) Concealed and non-concealed attached antenna systems shall be subject to approval by the county and the utility company, if applicable, and the attachments shall be painted to match the structure upon which they will be placed, if possible.

7) Except for non-concealed attached antennas, feed lines and antennas shall be designed to architecturally match the façade, roof, wall, and/or structure on which they are affixed so that they blend with the existing structural design, color and texture.

8) All exposed cables, conduits; surface mounted wires shall be concealed or painted to match the building.

9) Screening enclosures shall be allowed when the design is architecturally compatible with the building.

10) Lighting of these facilities is not allowed except as required by Section 62-2422(4).

SECTION 33. Sec. 62-2443. Specific application requirements for co-location and attachment. is created as follows:

Sec. 62-2443. Specific application requirements for co-location and attachment.

1) A signed statement from the tower owner or owner's agent agreeing to allow the co-location of other wireless equipment on the proposed tower, if the structure is designed or capable of additional wireless equipment.

2) Compliance with American National Standards Institute (ANSI) standards for electromagnetic radiation: In order to protect the public from excessive exposure to electromagnetic radiation, the facility applicant shall certify through a written statement that the facility meets or exceeds current ANSI standards as adopted by the FCC.

3) Certification furnished by a registered professional engineer licensed in the Florida that the structure has sufficient structural integrity to support the proposed antenna and feed lines in addition to all other equipment located or mounted on the structure.

4) One (1) original and two (2) copies of a survey of the property completed by a registered professional engineer, licensed in the State of Florida showing all existing uses, structures, and improvements.

5) Any applicant for facilities under this section shall certify that such proposed facility shall comply with all applicable federal regulations regarding interference protection, including but not limited to federal regulations regarding adjacent channel receiver (blanket) overload and intermodulation distortion.

6) Streamlined process for co-location approvals are subject to the following:

a. A co-location application entitled to streamlined processing shall be deemed complete unless the county notifies the applicant within forty-five (45) business days of submission (or within some other mutually agreed upon timeframe) that the submission is incomplete. Notices of application incompleteness shall identify the deficiencies in the application which, if cured, would make the

Communications Facilities Ordinance

DRAFT 8/14/14

application complete. Approval or denial of a complete application shall be in writing and shall be postmarked to the applicant by the forty-fifth (45) business day after the submission is deemed complete.

- b. Upon resubmitting of the revised application the county shall follow the process identified in this section, above, until all deficiencies identified are deemed cured.
- c. If the county does not respond in writing to the applicant within the specified timeframe detailed above, then the application shall be deemed approved.
- d. Application entitled to the streamlined review process shall not be subject to design or placement requirement, or public hearing review. All applications shall be initially submitted to the county for review and processing.

SECTION 34. Section 62-2444. Mitigation. is created as follows.

Sec. 62-2444. Mitigation.

Mitigation of an existing tower shall accomplish a minimum of one of the following: (1) reduce the total number of towers within the county; or (2) reduce the total number of nonconforming towers within the county; or (3) replace an existing tower with a new tower on the same property to improve network functionality resulting in compliance with this ordinance. Mitigation is subject to the following:

- 1) No tower shall be mitigated more than one time.
- 2) Height: The height of a tower approved for mitigation shall not exceed one hundred and fifteen (115) percent of the height of the tallest tower that is being mitigated. (For example a 100 foot existing tower could be rebuilt at 115 feet.)
- 3) Setbacks: Attempts shall be made to meet the setback requirement for the new tower on the same property to the maximum degree possible. At a minimum, the new tower and its equipment compound shall be no closer to any property lines, neighboring structures or adjacent dwelling units as the tower and equipment compound being mitigated.
- 4) Breakpoint technology: A newly mitigated tower shall use breakpoint technology when possible in the design of the replacement facility.
- 5) Buffers: The tower equipment compound shall be brought into compliance with landscape and vegetation buffer requirements listed in section 62-2422(8).
- 6) Visibility: Mitigated antenna-supporting structures shall be configured and located in a manner that minimizes adverse effects on the landscape and adjacent properties, with specific design considerations as to height, scale, color, texture, and architectural design of the buildings on the same and adjacent zoned lots.
- 7) The existing tower, including tower base but excluding the tower foundation, must be removed within ninety (90) days of the completion of the new tower.

SECTION 34. Section. 62-2445. Wireless telecommunication facilities on county-owned property. is created as follows:

Sec. 62-2445. Wireless telecommunication facilities on county-owned property.

1) The master plan identifies sites the county considers preferred for the location of commercial wireless telecommunication facilities. These properties and the recommendations provided in Master Plan Appendix A – County-owned Sites have been specifically reviewed for service needs and zoning and land use compatibility through an administrative rezoning process pursuant to Section 62-1152. Designation of these sites for the location of wireless telecommunications facilities is considered a zoning overlay. Properties may be added or deleted from Master Plan-Appendix A through the same public hearing process.

2) Pursuant to applicable law, the county may contract with a third party to administer those publicly-owned sites for purposes of developing the sites as part of its master plan, consistent with the terms of this Ordinance. Except as specifically provided herein, the terms of this article, and the requirements established thereby, shall be applicable to all wireless telecommunications facilities to be developed or co-located on county-owned sites.

3) If an applicant requests a permit to develop a communications facility on county-owned property, the permit granted hereunder shall not become effective until the applicant and the county have executed a written agreement or lease setting forth the particular terms and provisions under which the authorization to occupy and use the public lands of the county will be granted. Authorization to use public lands is subject to the terms of the lease.

4) No development permit granted under this section shall convey any exclusive right, privilege, permit, or franchise to occupy or use the publicly-owned sites of the jurisdiction for delivery of wireless communications services or any other purpose.

5) No permit granted under this section shall convey any right, title or interest in the public lands, but shall be deemed a permit only to use and occupy the public lands for the limited purposes and term stated in the separate agreement between the county as lessor and applicant as lessee. Further, no permit shall be construed as a conveyance of a title interest in the public property.

SECTION 35. Section 62-2446. Specific application requirements for mitigation and new level II towers.

Sec. 62-2446. Specific application requirements for mitigation and new level II towers.

1) A report and supporting technical data shall be submitted, demonstrating the following:

- a. All antenna attachments and co-locations, including all potentially useable cross country utility distribution towers and other elevated structures within the proposed service area and alternative antenna configurations have been examined, and found unacceptable.
- b. Reasoning as to why existing facilities such as cross country utility distribution and other elevated structures are not acceptable alternatives to a new freestanding tower.
- c. Reasoning as to why the adequacy of alternative existing facilities or the mitigation of existing facilities are not acceptable in meeting the applicant's need or the needs of service providers, indicating that no existing communications facility could accommodate the applicant's proposed facility shall consist of any of the following:
 - i. No existing towers located within the geographic area meet the applicant's engineering requirements, and why.
 - ii. Existing towers are not of sufficient height to meet the applicant's engineering requirements, and cannot be mitigated to increase in height.

- iii. Existing towers do not have sufficient structural integrity to support the applicant's proposed wireless communications facilities and related equipment, and the existing facility cannot be sufficiently improved.
 - iv. Other limiting factors that render existing wireless communications facilities unsuitable.
- 2) Technical data included in the report shall include certification by a registered professional engineer licensed in the State of Florida or other qualified professional, which qualifications shall be included, regarding service gaps or service expansions that are addressed by the proposed tower, and accompanying maps and calculations demonstrating the need for the proposed tower.
 - 3) Proof that a property and/or tower owner's agent has appropriate authorization to act upon the owner's behalf (if applicable).
 - 4) Signed statement from a qualified person, together with their qualifications, shall be included that warrants radio frequency emissions from the antenna array(s) comply with FCC standards. The statement shall also certify that both individually and cumulatively, and with any other facilities located on or immediately adjacent to the proposed facility, the replacement antenna complies with FCC standards.
 - 5) A stamped or sealed structural analysis of the proposed tower prepared by a registered professional engineer licensed by the State of Florida indicating the proposed and future loading capacity of the tower is compliant with EIA/TIA-222-G (as amended).
 - 6) An affidavit by a radio frequency engineer demonstrating compliance with 'Design preference' section of this Ordinance, Section 62-2421. If a lower ranking alternative is proposed the affidavit must address why higher ranked options are not technically feasible, practical, or justified given the location of the proposed communications facility.
 - 7) Statement as to the potential visual and aesthetic impacts of the proposed tower and equipment on all adjacent residential zoning classifications.
 - 8) Written statement by a registered professional engineer licensed by the State of Florida specifying the design structural failure modes of the proposed facility.
 - 9) Statement certifying that no unusual sound emissions such as alarms, bells, buzzers, or the like are permitted. Emergency Generators are permitted. Sound levels shall not exceed seventy decibels (70 db).
 - 10) A map showing the designated search ring.
 - 11) Materials detailing the locations of existing antenna and tower facilities to which the proposed antenna will be a handoff candidate; including latitude, longitude, and power levels of the proposed and existing antenna is required.
 - 12) A radio frequency propagation plot indicating the coverage of existing antenna sites, coverage prediction, and design radius, together with a certification from the applicant's radio frequency (RF) engineer that the proposed facility's coverage or capacity potential cannot be achieved by any higher ranked alternative such as a concealed facility, attached facility, replacement facility, co-location, or new tower. These documents are needed to justify a facility and to determine if the proposed location is the best suitable land use in the designated geographic area of the proposed facility.
 - 13) One (1) original and two (2) copies of a survey of the property completed by a registered professional engineer, licensed in the State of Florida showing all existing uses, structures, and improvements.
 - 14) Six (6) sets (24"×36") of signed and sealed site plans shall include the following:

Communications Facilities Ordinance

DRAFT 8/14/14

- a. Name of project and date
 - b. Deed Book, and Page and Map Book and Page Reference
 - c. Scale, north arrow, and vicinity map
 - d. Subject property information including zoning, watershed classification, percent coverage of lot to be impervious surface (if located in a designated watershed area)
 - e. Adjacent property information, including land owners, land uses, height of principal building, size of lots, zoning, and land use designation.
 - f. Tower elevations
 - g. Landscape buffering plans
 - h. Maximum height of the proposed tower and proposed and future mounting elevations of future antenna, including individual measurement of the base, the tower, and lightning rod
 - i. One (1) parking space is required for each tower development area. The space shall be provided within the leased area, or equipment compound, or the development area as defined on the site plan.
 - j. Location, classification, and size of all major public or private streets and rights-of-way
 - k. Identify adjacent features within 500 feet of property boundary including driveways, public parking areas, pedestrian ways, trails, and any other pertinent features
 - l. Two (2) reduced copies (8½"×11"), of the foregoing preliminary grading plans may be included on site plans or separately submitted in equal quantities.
- 15) Title report or American Land Title Association (A.L.T.A.) survey showing all easements on the subject property, together with a full legal description of the property.
- 16) List of adjacent property owners and keyed to the map. The list must be from the most current ownership information supplied by the Brevard County Property Appraiser's Office, together with two (2) sets of mailing labels for such property owners. Applicant will also provide a notarized letter stating the ownership list referenced herein is accurate to the best of the applicant's ability.
- 17) Simulated photographic evidence of the proposed tower and antenna appearance from any and all residential areas within 1,500 feet and vantage points approved by the county manager or designee, including the facility types the applicant has considered and the impact on adjacent properties including:
- a. Overall height
 - b. Configuration
 - c. Physical location
 - d. Mass and scale
 - e. Materials and color
 - f. Illumination
 - g. Architectural design
- 18) All other documentation, evidence, or materials necessary to demonstrate compliance with the applicable approval criteria set forth in this Ordinance.

19) Prior to issuance of a building permit, proof of FAA compliance with Subpart C of the Federal Aviation Regulations, Part 77, and "Objects Affecting Navigable Airspace," if applicable.

SECTION 36. Section 62-2447. Satellite earth stations. is created as follows:

Sec. 62-2447. Satellite earth stations.

Satellite earth stations are hereby permitted in all zoning classifications, as an accessory use, under the following conditions:

- (1) The maximum diameter of a dish receiver shall be four meters. Dish receivers one meter or less in diameter exempted by Section 62-2406 (1) are not required to meet the criteria in subsections 2-5 noted below.
- (2) The maximum height of a dish receiver shall be 14 feet.
- (3) The dish receiver or antenna shall be set back from all lot lines not less than a distance equal to the height of the dish receiver or antenna, and shall not be located to the front of the principal building.
- (4) The dish receiver or antenna may not be mounted on the roof of the principal or accessory structure, and must be detached from the principal structure.
- (5) The dish receiver or antenna must be capable of being placed in a "stow" position and tethered, unless engineered to withstand winds exceeding 120 miles per hour.

SECTION 37. Chapter 62, Article VI, Division 7, Subdivision V. Level III Permits. is hereby created.

SECTION 38. Section. 62-2450. Application requirements. is created as follows:

Sec. 62-2450. Application requirements.

Permit Level III applications shall include the following:

- 1) Application fee
- 2) Conditional use permit application (See Section 62-1953)
- 3) Complete zoning package including one copy of a full sized reproducible fully dimensioned site plan, signed and sealed by a registered land surveyor, engineer or architect. The site plan must show all existing and proposed structures on the property including the tower and equipment building(s), structure heights, parking, ingress/egress, landscaping, refuse, screening or buffering and storm water retention areas as well as tower elevations from the front, rear and sides, including height, style, type and number of antennas to be installed. The legend shall include NAD83 latitude and longitude of the proposed tower and State Plane Coordinates and should be submitted in paper and electronic format.
- 4) Complete building permit application
- 5) Complete site plan application (See Sections 62-3200 through 62-3207)
- 6) Specific application requirements for new towers (See Section 62-2451)
- 7) Specific application requirements for broadcast towers (See Section 62-2452)

SECTION 39. Section 62-2451. Specific application requirements for new wireless telecommunication facilities. is created as follows:

Sec. 62-2451. Specific application requirements and review process for new wireless telecommunication facilities.

1) Application Materials

- a. All wireless telecommunications facility applications. In addition to the materials required elsewhere by the code for the appropriate type of review, all wireless facility applications shall provide sufficient materials (plans, graphics, narratives, or expert statements) to demonstrate compliance with the applicable requirements of this Ordinance.
- b. Determination of need for a new tower: No new tower shall be permitted unless the applicant demonstrates that no existing tower or alternative structure within the applicant wireless provider's geographic search area can accommodate the applicant provider's proposed use antenna elements; or that use of such existing facilities would prohibit personal wireless services in the geographic search area to be served by the proposed antenna support structure. Accordingly, the applicant shall provide:
 - i. A copy of the geographic search area of the wireless provider committed to locate on the tower and that is justifying the placement of the tower;
 - ii. An inventory of all existing towers or potential support structures equal in height to the proposed facility that are located within an area that is ¼ of a mile in radius around the applicant's identified geographic search area;
 - iii. A written explanation documenting why an existing tower cannot reasonably be used, instead of building a new tower. Evidence submitted to demonstrate that no existing or approved tower or structure can accommodate the applicants proposed antenna may consist of any of the following:
 - A. No existing or approved towers or structures are located within the required geographic area meet the applicant's engineering requirements.
 - B. Existing or approved towers or structures are not of sufficient height to meet applicant's engineering requirements.
 - C. Existing or approved towers or structures do not have sufficient structural strength and cannot be modified to support applicant's proposed antenna and related equipment.
 - D. The applicant's proposed antenna would cause electromagnetic interference with the antenna on the existing or approved towers or structures, or the antenna on the existing or approved towers or structures would cause interference with the applicant's proposed antenna.
 - E. The fee, costs, or contractual provisions required by the owner in order to share an existing or approved tower or structure or to adapt an existing or approved tower or structure for sharing are unreasonable. Costs exceeding new tower development are presumed to be unreasonable.
 - F. The applicant demonstrates that there are other limiting factors that render existing and/or approved towers and structures unsuitable, as documented by a qualified and licensed professional electrical engineer, as applicable.

- c. Visual Impact Analysis. The applicant must demonstrate that the proposed tower does not create a significant adverse visual aesthetic impact on the surrounding landscape and adjacent properties. Refer to criteria posted in section 62-2446 (17) above.
- d. Design Preference Justification. If the proposed tower is non-concealed, the applicant must file relevant information that demonstrates why a concealed tower is not technically feasible, practical, or justified, given the designed location and configuration of the proposed wireless communications facility, the land uses and features of the subject and surrounding properties within 300 feet of the subject property, and the criteria of minimizing adverse visual impacts on the aesthetics of the surrounding area as measured against the review factors indicated in this section.

2) Application Completeness Review.

If the county determines the application and/or documentation fails to meet all the requirements of the ordinance, then the county shall provide written notification to the applicant as to the materials which need to be amended or supplied for review. The applicant shall provide to the county any requested materials for review. This process shall continue until the county has approved the application package, at which time the applicant may proceed to request a building permit.

- a. Within twenty (20) business days of receipt of an application for a wireless communications facility, the county shall determine if the application form has been completed and if all required items have been submitted.
- b. If county determines that the application is not complete and/or if all required items have not been submitted, the county shall, within the twenty (20) business days of the application submittal, notify the applicant in writing that the application is incomplete "notification of incompleteness". The notification of incompleteness shall list, with specificity, those items that are incomplete and/or missing and indicate what must be provided to make the application complete.
- c. If the applicant resubmits the additional information or revised application, the county shall review the resubmitted materials for completeness. If the application is still not complete, county shall send the applicant another Notification of Incompleteness indicating the remaining deficiencies within the regular review timeframes, but in no case longer than twenty (20) business days after the application is resubmitted.
- d. Upon resubmitting the resubmittal of the revised site plan and paperwork materials, the county shall follow the process identified in a. and b. through c. above until all deficiencies identified are deemed cured and the application is deemed complete.
- e. If the county does not respond in writing to the applicant within the specified timeframes detailed above, then the application shall be deemed approved to be properly complete.
- f. When the application is deemed complete and all required items have been submitted, the county shall advise the applicant and begin processing the application.

3) Supplemental Reviews.

The county reserves the right to require a supplemental review for any other type of co-location, attachment, mitigated tower, new tower, or antenna element replacement subject to the following:

- a. Where due to the complexity of the methodology or analysis required to review an application for any proposed or existing antenna support facility, the county may require the applicant to

pay for a technical review by a third party expert, the costs of which shall be borne by the applicant and be in addition to other applicable fees. The supplemental review fees shall be a fixed sum and shall be established by separate resolution. Schedules of current fees are posted in the planning division office.

- b. Based on the results of the expert review, the approving authority may require changes to the applicant's application or submittals.
- c. The supplemental review may address any or all of the following:
 - i. The accuracy and completeness of the application and accompanying documentation.
 - ii. The applicability of analysis techniques and methodologies.
 - iii. The validity of conclusions reached.
 - iv. Whether the proposed wireless communications facility complies with the applicable approval criteria set forth in these codes.
 - v. Other items deemed by the county to be relevant to determining whether a proposed wireless communications facility complies with the provisions of these codes.

4) Application Review Timeframes.

- d. Review timeframe for wireless telecommunications facilities. The county shall review and grant or deny each properly completed application for all wireless communications facilities other than expedited review co-locations within ninety (90) business days from the date the application is determined to be properly complete.
- e. If the county does not grant or deny a properly completed application for a within the timeframes set forth above, the application shall be deemed automatically approved and the applicant may proceed with the next level of review or, if no additional levels of review are required, with the placement of the wireless communications facility.
- f. For level III applications only, the ninety (90) business-day time frame may be extended if the hearing on the conditional use permit before the Board of County Commissioners, following the review process and timeframe applicable to all conditional use approvals for all uses, cannot reasonably occur within the ninety (90) business days. Under such circumstances, the Board must either grant or deny the application at a regularly scheduled meeting prior to the ninety (90) business days expiration or the application shall be deemed automatically approved.
- g. These time frames may be waived, if a waiver is voluntarily agreed to by the applicant and the county. A one-time waiver may be required by the county, without the applicant's consent, in the case of a declared local, state, or federal emergency, which directly affects the permitting activities of the county, for the length of that emergency.

SECTION 40. Section 62-2452. Specific application requirements for new broadcast towers. is created as follows:

Sec. 62-2452. Specific application requirements for new broadcast towers.

- 1) Technical data included in the report shall include the purpose of the proposed facility as described in the FCC Construction Permit Application.
- 2) Proof that a property and/or tower owner's agent has appropriate authorization to act upon the owner's behalf, if applicable.

3) Signed statement from a qualified person, together with their qualifications, shall be included that warrants radio frequency emissions from the antenna array(s) comply with FCC standards regarding interference to other radio services. The statement shall also certify that both individually and cumulatively, and with any other facilities located on or immediately adjacent to the proposed facility, the replacement antenna complies with FCC standards regarding human exposure to RF energy.

4) A stamped or sealed structural analysis of the proposed tower prepared by a registered professional engineer licensed by the State of Florida indicating the proposed and future loading capacity of the tower is compliant with EIA/TIA-222-G (as amended).

5) A written statement by a registered professional engineer licensed by the State of Florida specifying the design structural failure modes of the proposed facility.

6) Statement certifying that no unusual sound emissions such as alarms, bells, buzzers, or the like are permitted. Emergency Generators are permitted. Sound levels shall not exceed seventy decibels (70 db).

7) One (1) original and two (2) copies of a survey of the property completed by a registered professional engineer, licensed in the State of Florida showing all existing uses, structures, and improvements.

8) Six (6) sets (24"×36") of signed and sealed site plans shall include the following:

- a. Name of project and date
- b. Deed Book, and Page and Map Book and Page Reference
- c. Scale, north arrow, and vicinity map
- d. Subject property information including zoning, watershed classification, percent coverage of lot to be impervious surface (if located in a designated watershed area)
- e. Adjacent property information including land owners, land uses, height of principal building, size of lots, and existing zoning and land use
- f. Landscape buffering plans
- g. Maximum height of the proposed tower and/or antenna, including individual measurements of the base, tower, and lightning rod
- h. One (1) parking space is required for each tower development area. The space shall be provided within the leased area, or equipment compound, or the development area as defined on the site plan.
- i. Location, classification, and size of all major public or private streets and rights-of-way
- j. Identify adjacent features within 500 feet of property boundary including driveways, public parking areas, pedestrian ways, trails, and any other pertinent features
- k. Two (2) reduced copies (8½"×11"), of the foregoing preliminary grading plans may be included on site plans or separately submitted in equal quantities.
- l. Structure elevations
- m. NAD83 latitude and longitude coordinates of the proposed broadcast tower.
- n. State Plane coordinates of the proposed broadcast tower.
- o. Title report or American Land Title Association (A.L.T.A.) survey showing all easements on the subject property, together with a full legal description of the property.

- p. List of property owners within 1,000 feet in residential zoning districts and 500 feet in all other zoning districts and keyed to the map. The list must be from the most current ownership information supplied by the Brevard County Property Appraiser's Office, together with two (2) sets of mailing labels for such property owners. Applicant will also provide a notarized Certification Letter stating the ownership list referenced herein is accurate to the best of the applicant's ability.
- q. A pre-application conference will be required for any new broadcast facility.
- r. Prior to issuance of a building permit, proof of FAA compliance with Subpart C of the Federal Aviation Regulations, Part 77, and "Objects Affecting Navigable Airspace," if applicable.

SECTION 41. Sec. 62-1953. Towers and antenna. Code of Ordinances of Brevard County, Florida, is hereby deleted in its entirety.

~~(a) Exemptions.~~

- ~~(1) This section shall not apply to antennas or antenna support structures owned by amateur radio service operators licensed by the Federal Communications Commission (FCC). However, such antennas or antenna support structures shall continue to be subject to accessory structure setbacks (excluding guy wires) as required under section 62-2100.5(1)(c).~~
- ~~(2) Towers and antennas owned and/or operated by the county for public service and public safety purposes shall be exempt from the placement, construction and modification requirements set forth in this section.~~
- ~~(3) Towers and antennas under 35 feet in height measured from the average elevation of the finished development grade of the building site are permitted in every zoning classification in the unincorporated areas of the county, provided such towers and antennas continue to be subject to accessory structure setbacks as noted in subsection (a)(1), above. Commercial towers and antennas permitted pursuant to this exemption may be utilized for single use applications notwithstanding subsection (g)(6) below.~~

~~(b) Definitions.~~

~~Collocation means the placement of more than one communication antenna by more than one provider on a single existing or new tower or other supporting structure.~~

~~Substantial increase in size means the proposed antenna collocation, tower reconstruction or tower replacement (1) would increase the height of the existing structure or tower by more than ten percent, or by the height of one additional antenna array with separation from the nearest existing antenna not to exceed 25 feet, whichever is greater; (2) would involve the installation of more than the standard number of new equipment cabinets for the technology involved, not to exceed four, or more than one new equipment shelter; (3) would involve adding an appurtenance to the existing structure or tower that would protrude from the edge more than 25 feet, or more than the width of the structure at the level of appurtenance, whichever is greater; or (4) would involve excavation outside the current site, defined as the current boundaries of the leased or owned property surrounding the existing structure and any access or utility easement currently related to the site.~~

~~(c) Addition of antennas to existing structures and towers.~~

- ~~(1) A conditional use permit (CUP) shall not be required to locate antennas on or within existing or permitted structures and towers over 35 feet in height, regardless of the zoning classification, provided~~

~~that the new single use antenna or collocation does not involve a substantial increase in size of the existing structure or tower. An application for collocation on an existing or permitted structure or tower which does not involve a substantial increase in size shall be subject to no more than a building permit review. In those cases where a substantial increase in size is necessitated by the proposed collocation and would result in a tower that would require a conditional use permit if being reviewed for the first time, the applicant shall submit a conditional use permit application to the county as contemplated by section 62-1953(i) herein below, and the tower shall be subject to setback criteria as if being permitted for the first time.~~

- ~~(2) The antenna elements must be painted to match the structure upon which they will be placed.~~
 - ~~(3) Where an existing tower is nonconforming, the location of additional antenna elements on an existing tower pursuant to this subsection shall not be considered an expansion of a nonconforming use.~~
 - ~~(4) Existing commercial towers may be reconstructed, or removed and rebuilt, if the reconstruction is for the purpose of adding additional antennas which would otherwise require construction of a new tower. Provided that the reconstructed or replacement tower does not involve a substantial increase in size, such modification or replacement shall be subject to no more than a building permit review. However, if the existing tower was permitted without a conditional use permit, and the tower is reconstructed or rebuilt such that a conditional use permit would be required if the tower were being reviewed for the first time, then a conditional use permit shall be required for the reconstructed tower or replacement tower. In those cases where a substantial increase in size is requested, the applicant shall submit a conditional use permit application to the county as contemplated by section 62-1953(i) herein below, and the application shall be subject to setback criteria as if being permitted for the first time. Replacement towers shall be of the same type as the existing tower or improved aesthetically as follows. For the purpose of this section, a lattice tower is more aesthetic than a guyed tower, a monopole tower is more aesthetic than a lattice tower, and a stealth tower is more aesthetic than a monopole tower. Reconstructed or replacement towers which require a new conditional use permit shall be subject to setback criteria as if being permitted for the first time. If a conditional use permit is already in place for the existing tower, and if the reconstructed or replacement tower does not result in a substantial increase in size, the reconstructed or replacement tower shall meet the following criteria:
 - ~~a. Replacement towers shall be set back from the nearest property line a distance equal to or greater than the existing tower's setback distance to the nearest property line; and~~
 - ~~b. Replacement towers shall be set back from the nearest residentially zoned property a distance equal to or greater than the existing tower's setback distance to the nearest residentially zoned property.~~
 - ~~c. Replacement towers shall be designed/engineered to fall within the confines of the subject property should the proposed setback be less than the total tower height.~~~~
- ~~(d) In the PBP, PIP, IU and IU-1 zoning classifications, towers and antennas up to 200 feet in height may be permitted without a conditional use permit under the following circumstances:~~
- ~~(1) Towers and antennas which exceed 35 feet in height shall be located on the site at a distance equal to or in excess of five times the height of the tower or antenna, (from the base of the tower or antenna) from existing off-site single family residential homes or property zoned primarily for single family residential use (including AU). Any tower shall be set back a minimum of 200 feet from all property lines.~~

- ~~(2) Such towers shall use construction techniques that do not require guy wires (e.g., lattice or monopole structures).~~
- ~~(e) In the PA and AGR zoning classifications, towers and antennas may be permitted without a conditional use permit under the following circumstances:~~
- ~~(1) Such towers and antennas are subject to the requirements of subsection (d) above.~~
- ~~(2) Towers exceeding 200 feet must be spaced at least 3,500 feet from the nearest off-site tower.~~
- ~~(3) Any existing vegetation six feet in height or above along a 50-foot perimeter around the entire parcel upon which the tower is to be erected must be preserved until the property is developed and county land clearing and landscaping requirements are met.~~
- ~~(f) Noncommercial towers and antennas over 35 feet in height are permitted as a conditional use in any residential zoning classification on lots of one acre or more, provided they are set back from all property lines equal to the height of the tower. Such towers shall not exceed 100 feet. Noncommercial towers and antennas within residential areas may not use the collocation provision described above to increase the overall height of a Board-approved tower and antenna above 100 feet; rather they shall be reviewed as a commercial tower. The applicant must demonstrate consistency with (1) the general criteria set forth in section 62-1901(e); and (2) the requirements listed in subsections (d) and (e) above.~~
- ~~(g) Provisions applicable to all commercial towers and wireless communication facilities required to apply for a conditional use permit.~~
- ~~(1) Towers and wireless communication facilities which have not had active antennas for a period of six consecutive months shall be considered abandoned and shall be removed by the owner of the tower at their own expense. Subject to subsection (ek), if a tower is not removed within 60 days after notice, the county shall have the right to remove such tower and wireless communication facilities and impose a lien for the cost of removal on the site which was the subject of the application. This provision is deemed a condition to the issuance of any permit and applicant seeking a permit waives and releases any claim for damages as a result of the county's invocation of the removal condition.~~
- ~~(2) Every five years, the owner of any tower and wireless communication facilities approved under this section shall submit to the county building official a sealed statement from a certified civil engineer that the structure is sound. The certification shall be due by the end of the month upon each anniversary of the issuance of the building permit. If the report is not provided within 14 days after receipt of written notice by the CUP holder and property owner, towers which have not been certified shall be considered dilapidated and shall be removed by the property owner. Subject to subsection (ek), if the property owner fails to remove the tower within 30 days after receiving notice to effect removal, the county shall have the right to remove such tower and impose a lien on the site which was the subject of the application.~~
- ~~(3) Equipment buildings and pads shall be fenced and shall be landscaped and maintained with opaque landscape buffer. Security lighting for on-ground facilities and equipment shall be down-shielded to keep light within the boundaries of the site and minimize its potential attraction for birds.~~
- ~~(4) In the GU and agricultural zoning classifications, equipment buildings shall be unmanned and not exceed 600 square feet.~~
- ~~(5) Applicants seeking to erect new or towers that require a conditional use permit shall demonstrate to the reasonable satisfaction of the county that no existing or approved tower or structure, irrespective of municipal and county jurisdictional boundaries, can accommodate the applicant's proposed antenna.~~

Communications Facilities Ordinance

DRAFT 8/14/14

~~Notwithstanding any other provision in the zoning ordinance relating to the contrary, applications for towers shall be considered two times each year. Complete applications for the first bi-annual review must be submitted between January 1 and January 15 in any year. Complete applications for the second bi-annual review must be submitted between July 1 and July 15 in any year. After receipt of a complete application during the applicable bi-annual review period, the county shall review and take action upon completed tower applications in a timely manner consistent with the most restrictive of the time limitations on review and approval specified in either F.S. § 365.172(12), as amended or federal law. The county reserves the right to hire, at a reasonable fee to the applicant, an independent expert witness to evaluate any evidence submitted by applicants pursuant to this section. Evidence submitted to demonstrate that no existing or approved tower or structure can accommodate the applicants proposed antenna may consist of any of the following:~~

- ~~a. No existing or approved towers or structures are located within the required geographic area meet the applicant's engineering requirements.~~
- ~~b. Existing or approved towers or structures are not of sufficient height to meet applicant's engineering requirements.~~
- ~~c. Existing or approved towers or structures do not have sufficient structural strength to support applicant's proposed antenna and related equipment.~~
- ~~d. The applicant's proposed antenna would cause electromagnetic interference with the antenna on the existing or approved towers or structures, or the antenna on the existing or approved towers or structures would cause interference with the applicant's proposed antenna.~~
- ~~e. The fee, costs, or contractual provisions required by the owner in order to share an existing or approved tower or structure or to adapt an existing or approved tower or structure for sharing are unreasonable. Costs exceeding new tower development are presumed to be unreasonable.~~
- ~~f. The applicant demonstrates that there are other limiting factors that render existing and/or approved towers and structures unsuitable, as documented by a qualified and licensed professional electrical engineer, as applicable.~~

~~(6) Excluding AM array, all commercial towers, including those granted as a conditional use permit, must be constructed to permit collocation by other providers. New communication towers shall be designed and constructed, both structurally and electrically, to (a) provide sufficient excess capacity over the initial loading; and (b) permit at least two other comparable communication providers to use the approved tower where feasible and subject to reasonable terms. The term "where feasible," as it applies to collocation, means that utilization of a tower by another party would, at the time of such utilization, comply with sound engineering principles, would not materially degrade or impair the communication tower's utilization by existing users, would not unduly burden the tower structurally, and would not otherwise materially and adversely impact existing users. Reasonable terms for use of a communication tower that may be imposed by the owner include a requirement for reasonable rent or fees, taking into consideration the capitalized cost of the communication tower and land, the incremental cost of designing and constructing the tower so as to accommodate additional users, increases in maintenance expenses relating to the tower and a fair return on investment, provided such amount is also consistent with rates paid by other providers at comparable tower sites.~~

~~(7) For purposes of this section, an AM array, consisting of one or more tower units and supporting ground system which functions as one AM broadcasting antenna, shall be considered one~~

Communications Facilities Ordinance

DRAFT 8/14/14

communication tower. Measurements for setbacks and separation distances shall be measured from the outer perimeter of the towers included in the AM array. Additional tower units may be added within the perimeter of the AM array by right.

~~(8) Tower and antenna lighting.~~

~~a. Towers exceeding 200 feet in height must use the minimum number of warning and obstruction lights having the minimum intensity and number of flashes per minute permitted by the Federal Aviation Administration (FAA).~~

~~b. As provided for in section 210-1, where lighting is required by Brevard County Mosquito Control on towers and antennas equal to or less than 200 feet in height, the frequency of high intensity lighting shall not exceed 20 flashes per minute.~~

~~c. All lights on towers and antennas of any height shall be up shielded.~~

~~d. Where permitted, guyed towers shall use daytime visual markers (e.g., bird diverter devices) on the guy wires to reduce collisions by migratory birds.~~

~~(h) A waiver to one or more of the conditions enumerated in subsection (d) or (e) above may be considered by the board of county commissioners through a conditional use permit (CUP) application, provided the general section 62-1901(e) CUP standards are met. The applicant must also demonstrate technical necessity for the location of the tower, that there are special existing or proposed circumstances pertaining to the structures or properties involved, and that the proposed setback and distance separation will satisfy safety and aesthetic concerns which the conditions in subsections (d) and (e) are intended to address. The applicant shall prepare an exhibit which will demonstrate to the board the visual impact of the proposed tower.~~

~~(i) Excluding those towers in a GML zoning classification, any tower in excess of 200 feet or any other tower not permitted without a conditional use permit shall require a conditional use permit. The applicant must demonstrate consistency with (1) the general criteria set forth in section 62-1901(e); and (2) the requirements listed in subsections (d) and (e) above.~~

~~(j) The conditional use permit or building permit for a tower shall expire if a site plan for the tower (if required) is not submitted within one year of approval or if construction does not commence within three years of approval.~~

~~(k) Prior to effecting the removal of any tower, the county shall provide notice and an opportunity to be heard to both the landowner and the CUP holder who shall show cause why the tower should not be removed in accordance with the provisions and requirements of the ordinance. A notice describing the reason for removal and the date of a hearing before the county commission shall be served by certified mail, fax, actual delivery, or U.S. mail (if otherwise undeliverable) at least 21 days prior to the hearing. The time for effecting removal shall be tolled pending a final determination by the board or, if an action is filed, by a court with jurisdiction.~~

~~(l) Third party (i.e., private sector tower company) tower construction projects on federal or state lands are subject to the provisions of this section, unless the third party is acting on behalf of the federal or state government. A tower constructed by a third party on behalf of the federal or state government does not require local permits; however, a tower constructed on federal or state property for a private sector endeavor shall comply with all local regulations.~~

SECTION 42. Section 62-1953. Wireless telecommunication facilities and broadcast towers. is created as follows:

Communications Facilities Ordinance

DRAFT 8/14/14

Sec. 62-1953. Wireless telecommunication facilities and broadcast towers.

Wireless telecommunication facilities and broadcast towers may be permitted as a conditional use subject to the applicable requirements of Communications Facilities Ordinance, Section 62-1901(c) and this section.

- 1) In addition to the general review criteria in Section 62-1901(c), the Board shall consider the following:
 - a. The aesthetic effects of the proposed tower on surrounding areas as well as mitigating factors concerning aesthetics.
 - b. The Board may disapprove an application on the grounds that the proposed tower's aesthetic effects are incompatible, or may condition approval on changes in tower height, design, style, buffers, or other features of the wireless communications facility or its surrounding area. Such changes in non-broadcast installations need not result in performance identical to that of the original application.
 - c. Factors relevant to aesthetic effects include: the protection of the view in sensitive or scenic areas and areas specially designated in adopted plans such as unique natural features, scenic roadways and historic sites; the concentration of towers in the proposed area; and whether the height, design, placement or other characteristics of the proposed tower could be modified to have a less intrusive visual impact.
 - d. If Board determines that the proposed additional service of non-broadcast facilities, coverage, or capacity to be achieved by the location of the proposed facility can be achieved by use of one or more alternative existing wireless communications facilities addressed in this section, which better serve the stated goals set forth in section 62-2402, it may deny the proposed antenna support facility application.

2) A waiver to the maximum tower heights for wireless telecommunications facilities established in Section 62-2422(2) may be considered. The applicant must demonstrate the technical necessity for the proposed tower height in excess of the maximum designation and provide written certification from a radio frequency (RF) engineer licensed in the State of Florida stating that the maximum height recommendation will not satisfy the proposed service network objective and that the proposed height is the minimum necessary to satisfy those needs.

3) A conditional use permit or building permit for a wireless communication facility or broadcast tower shall expire if a site plan for the tower (if required) is not submitted within one year of approval or if construction does not commence within three years of approval.

4) Prior to effecting the removal of any tower, the county shall provide notice and an opportunity to be heard to both the landowner and the CUP holder who shall show cause why the tower should not be removed in accordance with the provisions and requirements of the ordinance. A notice describing the reason for removal and the date of a hearing before the county commission shall be served by certified mail, fax, actual delivery, or U.S. mail (if otherwise undeliverable) at least 21 days prior to the hearing. The time for effecting removal shall be tolled pending a final determination by the Board or, if an action is filed, by a court with jurisdiction.

SECTION 43. Section 62-2124. Television dish receivers and antennas., Code of Ordinances of Brevard County, Florida, is hereby deleted in its entirety.

Sec. 62-2124. Television dish receivers and antennas.

Television dish receivers and antennas are hereby permitted in all residential zoning classifications, as an accessory use to single-family residential use, under the following conditions:

- (1) The maximum diameter of a dish receiver shall be four meters.
- (2) The maximum height of a dish receiver shall be 14 feet.
- (3) The dish receiver or antenna shall be set back from all lot lines not less than a distance equal to the height of the dish receiver or antenna, and shall not be located to the front of the principal building-
- (4) The dish receiver or antenna may not be mounted on the roof of the principal or accessory structure, and must be detached from the principal structure.
- (5) The dish receiver or antenna must be capable of being placed in a "stow" position and tethered, unless engineered to withstand winds exceeding 120 miles per hour.

SECTION 44. Conflicting Provisions. In the case of a direct conflict between any provision of this ordinance and a portion or provision of any other appropriate federal, state or county law, rule, code or regulation, the more restrictive shall apply.

SECTION 45. Severability. If any provision of this ordinance or the application thereof to any person or circumstance is held invalid, the invalidity shall not affect other provisions or applications of the ordinance which can be given effect without the invalid provision or application, and to this end the provisions of this ordinance are declared severable.

SECTION 46. Area Encompassed. This ordinance shall take effect only in the unincorporated area of Brevard County, Florida.

SECTION 47. Effective Date. A certified copy of this ordinance shall be filed with the Office of the Secretary of State, State of Florida within ten (10) days of enactment. This ordinance shall take effect upon adoption and filing as required by law.

SECTION 48. Inclusion in code. It is the intention of the Board of County Commissioners that the provisions of this ordinance shall become and be made a part of the Code of Ordinances of Brevard County, Florida; and that the sections of this ordinance may be renumbered or re-lettered and that the word "ordinance" may be changed to "section," "article," or such other appropriate word or phrase in order to accomplish such intentions.

DONE, ORDERED AND ADOPTED, in regular session, this 2nd day of October, 2014.

Attest:

BOARD OF COUNTY COMMISSIONERS
OF BREVARD COUNTY, FLORIDA

Scott Ellis, Clerk

Mary Bolin Lewis, Chairman
(as approved by the Board on October 2, 2014)

Communications Facilities Ordinance

DRAFT 8/14/14

Reviewed for legal form and content by: _____

IV-A

Brevard County

Draft Wireless Telecommunications Master Plan & Draft Ordinance Presentation

Workshop #2

Tuesday, August 19, 2014

Presented by:

CityScape Consultants, Inc.
www.cityscapegov.com

CityScape

Brevard County Scope of Services

- Task A: Preliminary research and data assessment
- Task B: Background research and kickoff meeting with theoretical RMS maps
- Task C: Propagation mapping based on participation responses at kickoff meeting
- **Task D: Design and development of a master wireless plan and ordinance review and amendment recommendations**
- Task E: Project completion and submittal of the Master Plan

Existing Antenna Facilities

- 188 Existing Total Antenna Locations County-wide
 - 89 Within County Jurisdiction
 - 99 Outside County Jurisdiction

Location	Total
Tower	144
Rooftop	17
Water Tank	3
Utility	2
County Towers	14
AM	3
Not Built	5

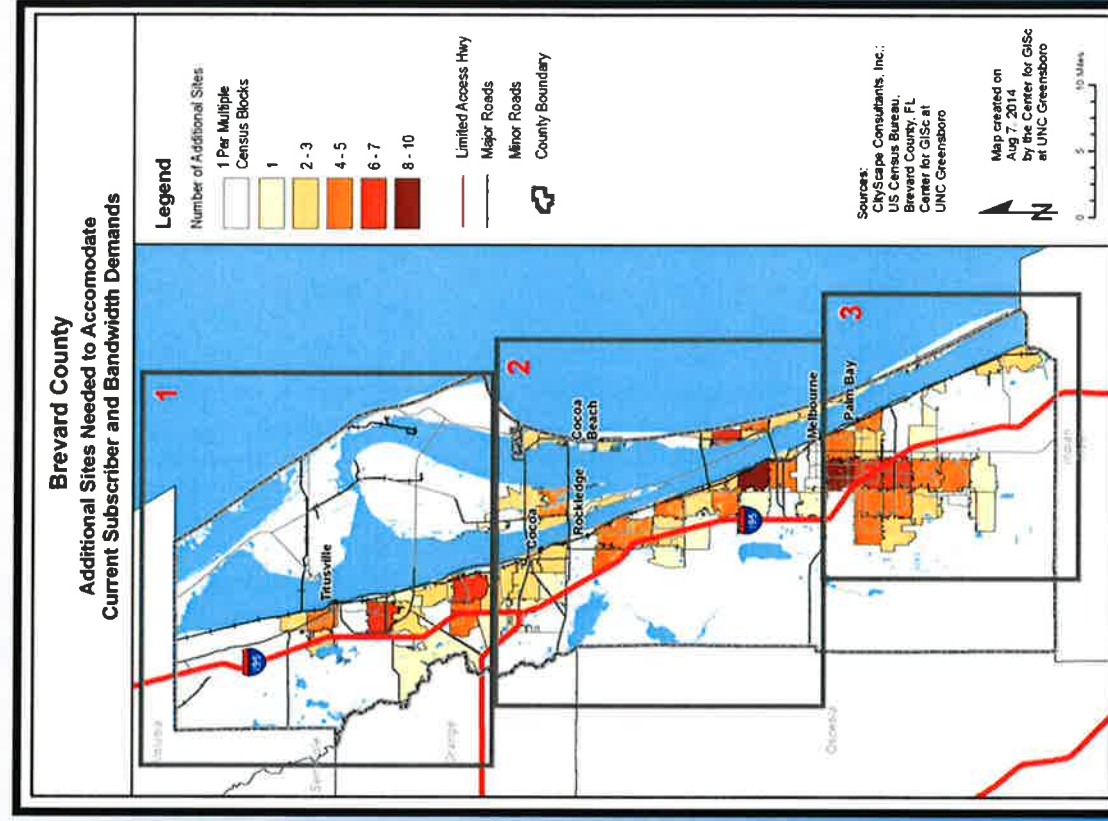
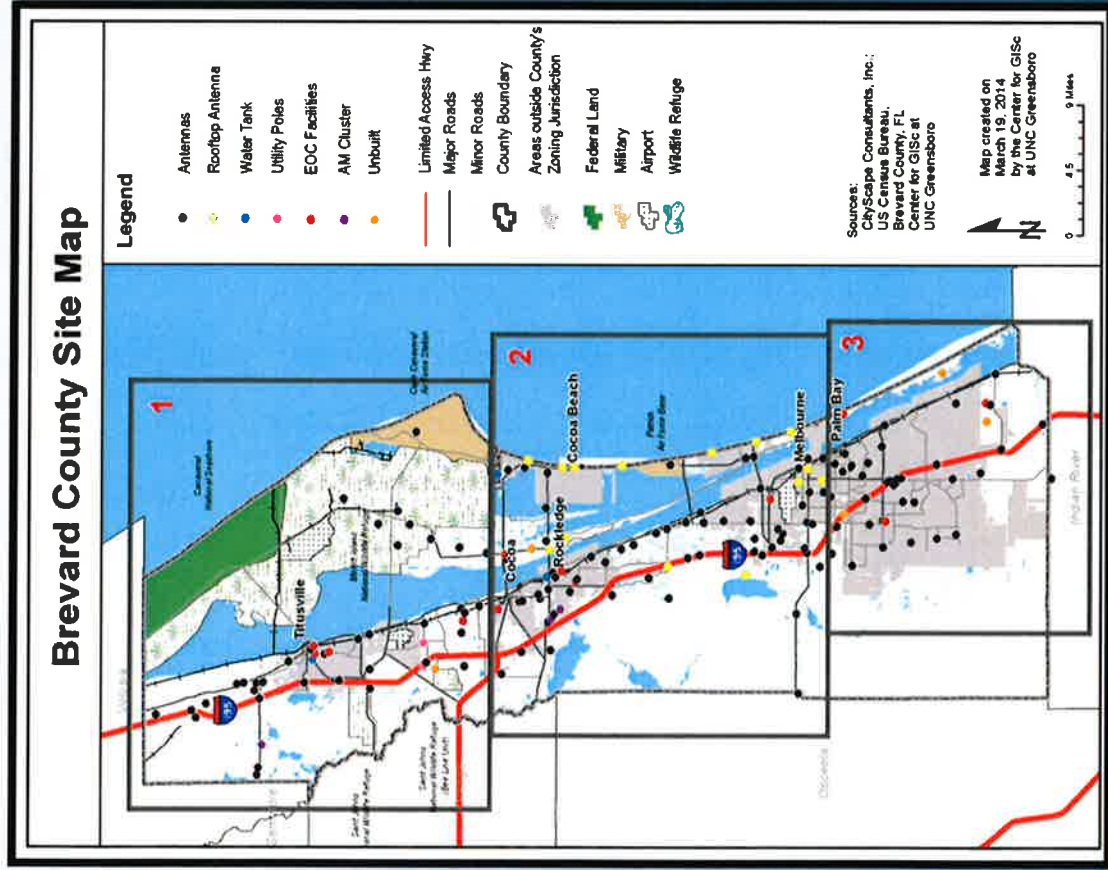
Projections By Census Block

10 – 12 Year Estimation of New Infrastructure

- Existing 188 Total Antenna Locations County-wide
- Proposed Between 350 – 400 Facilities County-wide (Co-location & New Tower Combined)

Inset Map	Projections
Inset Map 1	34 Minimum
Inset Map 2	Over 100
Inset Map 3	68 Minimum

Existing Locations & Projections



Potential Use Of Public Land

- Initially Identified 2,208 County-owned Properties
- County-owned Property Criteria
 - Minimum 7,500 Square Foot Lot Size
 - Eliminated EELS; Housing & Human Services
 - Properties with Known Restrictions (No Access)
- Current Draft Identifies 482 County-owned Properties Listed in Inventory
 - 368 inside County's Zoning Jurisdiction
 - 114 outside County's Zoning Jurisdiction

Analysis of Use Of Public Land

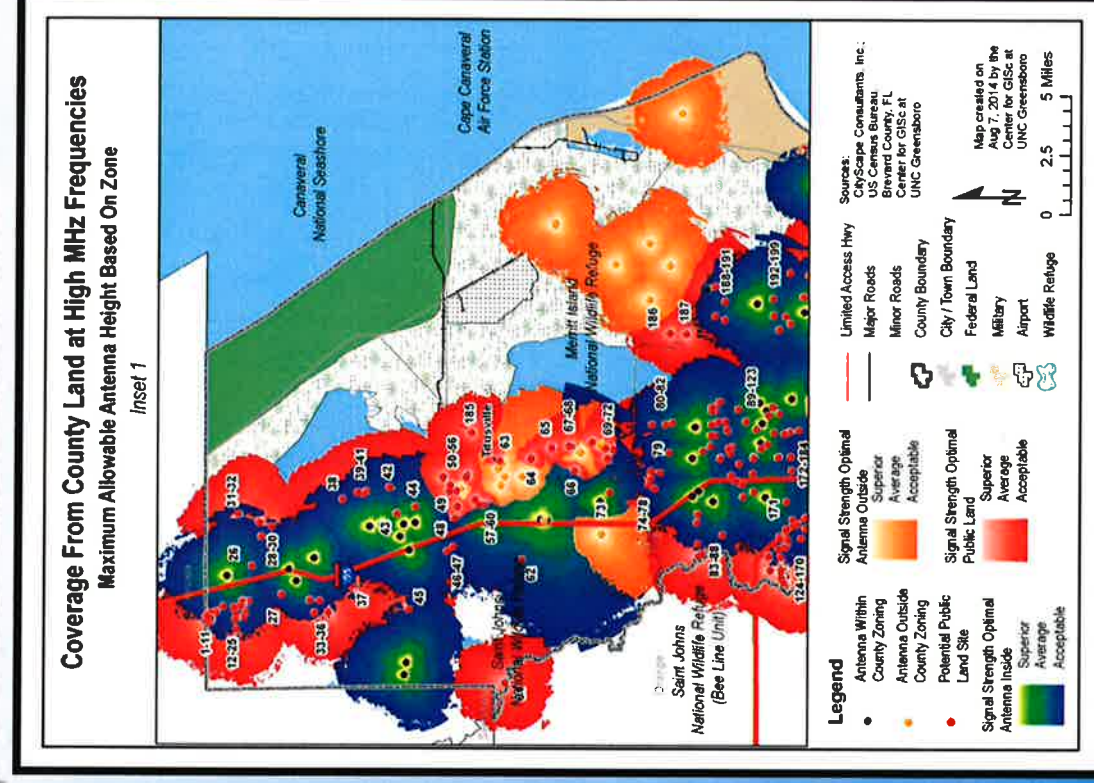
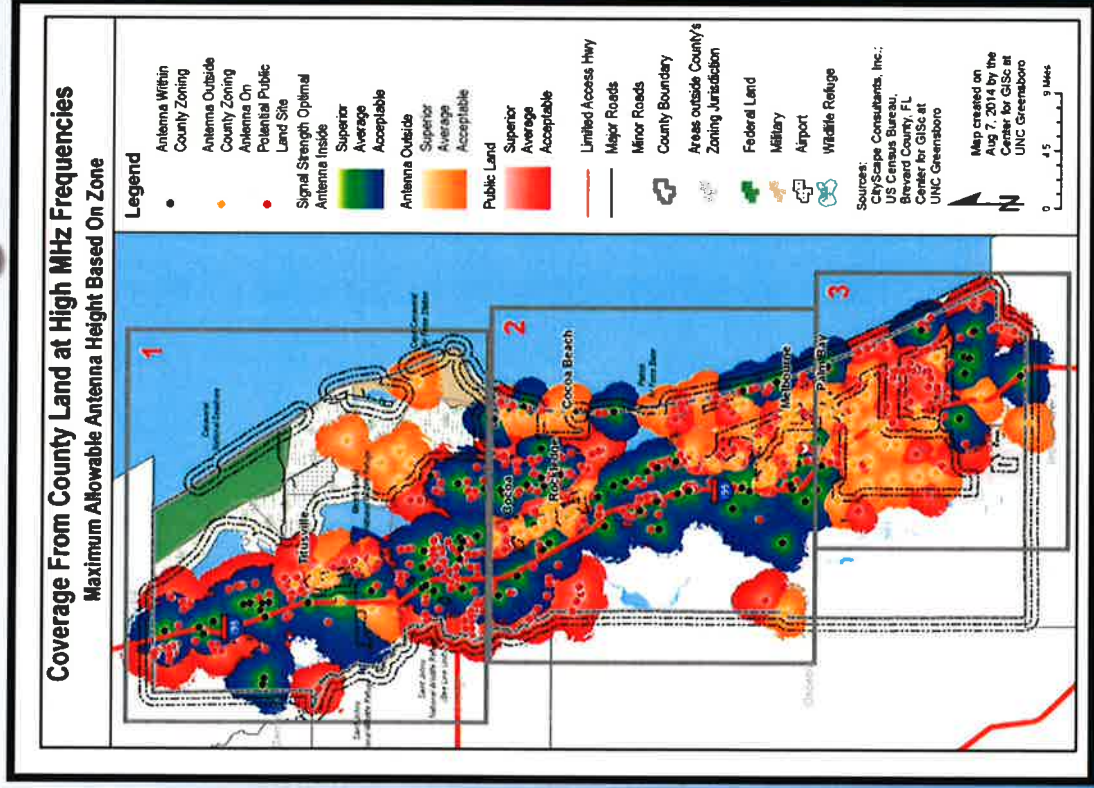
Classification	Geographic Description
Signal & Subscriber Need	Weak Signal; High Subscriber Demand; Limited Network Capacity/Infrastructure
Subscriber Need	Great Population/Subscriber Density (Living, Working, Travel)
Weak Signal	“Acceptable” or No Signal/No Coverage

Analysis of Use Of All Identified Public Land

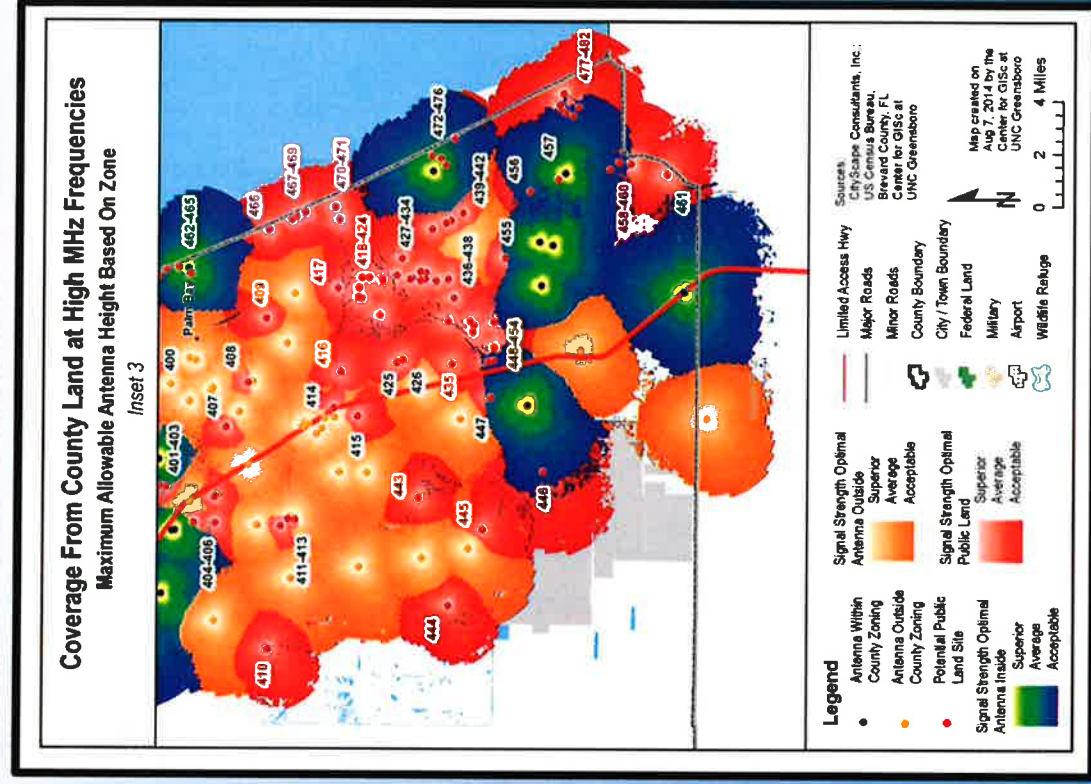
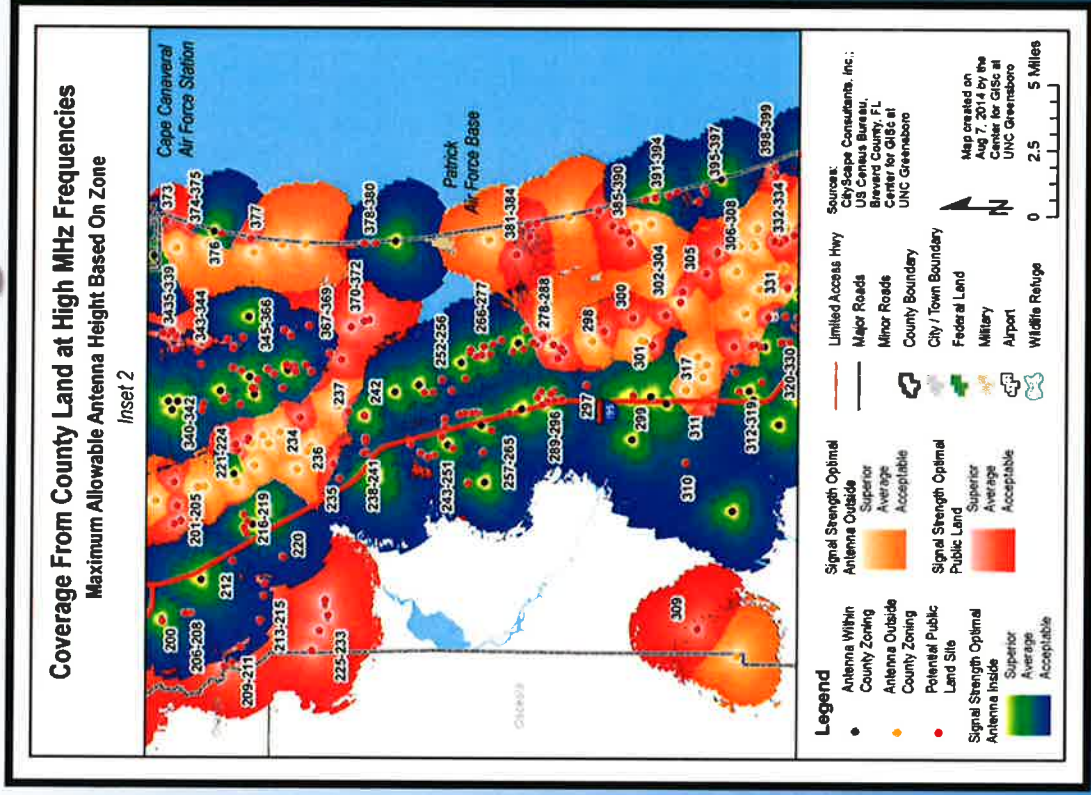
Identified County Sites by Classification

Sites by Classification	Signal/Subscriber	Subscriber Need	Weak Signal	Site Total
Map Inset 1	45	56	98	199
Map Inset 2	52	118	30	200
Map Inset 3	18	26	39	83
Total	115	200	167	482

Theoretical Propagation Existing and Proposed Locations



Theoretical Propagation Existing and Proposed Locations



Wireless Telecommunications Land Use Regulations

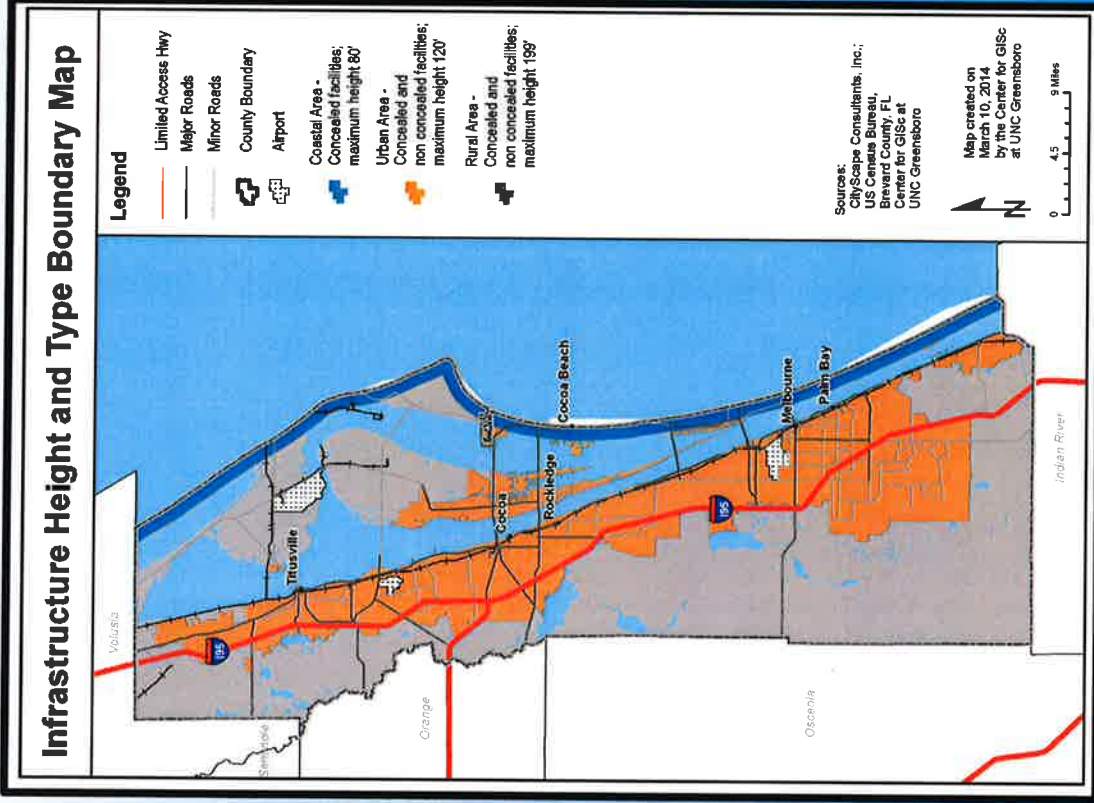
Master Planning and Zoning

Zoning Solutions

Identified Initial Zoning Related Item

Consistency & Harmony with Federal; Congressional; State Standards	✓
Consistency in Definitions	✓
Development Standards Based on Master Plan	✓
Proposed New Tower Heights	✓
Design Preferences & Streamlining	✓
Inventory of County-Owned Properties	✓

Proposed Height Boundary Map



Boundary	Definition
Coastal Area 80' Maximum	Area of the Barrier Islands East of the Banana & Indian Rivers
Urban Area 120' Maximum	Beginning Where Coastal Boundary Ends; Areas with > 100 Addresses/Square Mile
Rural Area 199' Maximum	Areas with < 100 Address/Square Mile

Design Preferences

Infrastructure Type

1. Concealed Attached Antenna
2. Camouflaged Non-concealed Attached Antenna
3. New Concealed Tower
4. Mitigation of Existing Tower
5. Camouflaged Tower
6. New Non-concealed Tower
 - a. Monopole
 - b. Lattice
 - c. Guyed

Permit Levels

Permit Level	Infrastructure Type	Review/Approval Process
Level I Permit	Amateur Radio Towers; Antenna Element Replacements	Complete Building Permit Application
Level II Permit	Co-location, Attached, Concealed, Camouflaged, & Non-concealed Antenna; Mitigation Tower; Tower on County-owned property; Satellite Earth Station	Complete Building Permit Application; Site Plan Application; Other Specified Application Requirements
Level III Permit	New Wireless Telecommunication Facilities(Towers); Broadcast Towers	Complete Building Permit Application; Conditional Use Permit; Site Plan Application; Other Specified Application Requirements

Notice of Public Rule Making (NPRM)

- Distributed Antenna Systems (DAS) and Small Cell Deployment
- Temporary Wireless Facilities
- Definition of an “Eligible Facilities Request” for Co-location Under 47 USC §1455(a) (a/k/a “Section 6409)
- Definition of “Substantial Change” Under the Same Statute
- Effect of Local Government’s Failure to Act on Applications After Applicable Shot Clock Limits Have Been Exceeded
- Potential Preemption of Public Siting Preferences in Ordinance

Questions?