

George C. Ritchie, Planner III, Zoning Office  
Brevard County Planning & Development  
2725 Judge Fran Jamieson Way  
Building A, Room 114  
Viera, FL 32940

Re: A2E2346B / Challenger Memorial Parkway (SR407), Cocoa, FL 32927  
Affidavit for Sec. 62-2421

- |     |  |  |
|-----|--|--|
| (1) | Concealed attached antenna                 | NOT APPLICABLE                                   |
| (2) | Camouflaged non-concealed attached antenna | NOT APPLICABLE                                   |
| (3) | New concealed tower                        | NOT TECHNICALLY FEASIBLE, PRACTICAL OR JUSTIFIED |
| (4) | Mitigation of existing tower               | NOT APPLICABLE                                   |
| (5) | Camouflaged tower                          | NOT APPLICABLE                                   |
| (6) | New non-concealed                          | PROPOSED   |
| a.  | Monopole                                   | PROPOSED   |
| b.  | Lattice                                    | NOT APPLICABLE                                   |
| c.  | Guyed                                      | NOT APPLICABLE                                   |

Any concealed tower application that restricts the antenna equipment on the tower is not technically feasible, practical or justified given the location of the proposed wireless telecommunications facility.

A concealed tree application is not as restrictive regarding antenna equipment placement, however a 199' tree in this location is not practical or justified given the location of the proposed wireless telecommunications facility. This location is primarily undeveloped acreage with protected wetland and conservation land all around with average tree height approx 30' to 40'.

The site is needed to improve road coverage and capacity. The next site west along SR528 is 6 miles west and has a 245' antenna center line. The site also needs to cover 2 miles NE along SR407 and SE along SR528. The next T-Mobile site to the east has an ACL of 205'. T-Mobile's requested 180' ACL on this planned 199' tower is in line with surrounding site ACLs and needed for the inter-site distances present.

**AFFIDAVIT**

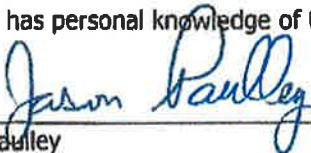
STATE OF FLORIDA  
COUNTY OF ORANGE

BEFORE ME, the undersigned authority personally appeared Jason Paulley, who being by me first duly sworn on oath, deposes and says:

That he is the RF Engineer for T-Mobile South LLC ("T-Mobile") in the Orlando-Tampa Market;

That he has a BS degree in Electrical Engineering from the University of Central Florida and has been working as a radio frequency engineer since 1994;

That he has personal knowledge of the facts and statements contained herein.

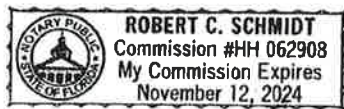
  
\_\_\_\_\_  
Jason Paulley

STATE OF FLORIDA  
COUNTY OF LAKE

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization this 21 day of October, 2022, by Jason Paulley, who is personally known to me or who has produced \_\_\_\_\_ as identification.

  
\_\_\_\_\_  
Notary Public (Signature)

(SEAL)



Sections 62-2421 and 62.2403 to follow for reference.

**Sec 62-2421. Design Preference**

Design of a new wireless telecommunications facility (antenna array or new tower), colocation, 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. Design preferences for facilities located on county-owned properties are set forth in appendix A of the master plan.

**Sec 62.2403. Definitions**

Camouflage - means camouflaged antenna systems and/or towers that 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.

Concealed - means 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.