

December 19th 2011,

RE: Proposed Verizon Wireless Communications Facility Site Name: **Brownsburg**
To Whom It May Concern:

As a radio frequency engineer for Verizon Wireless, I am providing this letter to state the reason for rejection of some existing structures for the Verizon Wireless site called *Brownsburg*.

Verizon Wireless cares about the communities as well as the environment and prefers to collocate on existing structures when available. It can be noticed from the map that Verizon Wireless is currently collocated on existing structures in the area. We prefer collocation due to reduced construction costs, faster deployment, and environment protection. However, Verizon Wireless was unable to find a suitable structure to collocate the proposed Brownsburg site. Below is list of collocation opportunities we have pursued but failed to meet our requirements.

Indy Radio, LLC is located 1.30 miles east of the proposed Brownsburg site. It does not meet our requirements due to its close proximity to one of our existing sites, Clermont.

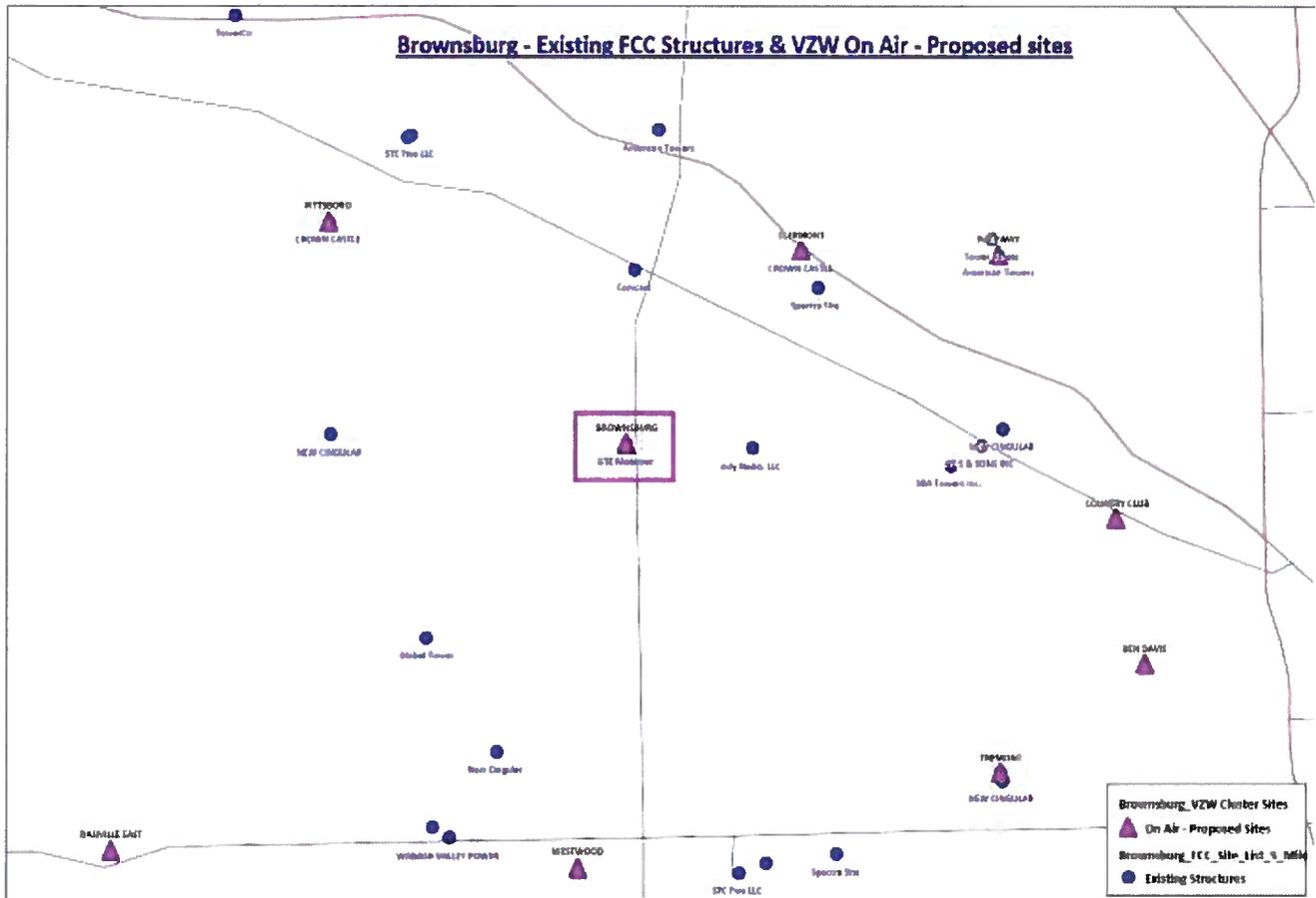
The existing structures and towers towards the West and NW of the proposed Brownsburg site did not meet our requirements due to their proximity to the existing Verizon Wireless site, Pittsboro.

Verizon Wireless design engineers establish search area criteria in order to effectively meet coverage objectives as well as offload existing Verizon cell sites. When met, the criterion also reduces the need for a new site to cover the area in the immediate future. Each cellular site covers a limited area, depending on site configuration and the surrounding terrain. Cell sites are built in an interconnected network; which means each cell site must be located so that their respective coverage areas are contiguous. This provides uninterrupted communications throughout the coverage area.

Since collocation is generally the most cost-effective means for prompt deployment of new facilities, Verizon Wireless makes every effort to investigate the feasibility for using existing towers or other tall structures for collocation when designing a new site or system expansion. However, collocation on an existing tower or tall structure is not always feasible due to location of existing cell sites. Cell sites are placed in a way so they provide smooth hand off to each other and are placed at some distance from each other to eliminate too much overlap. Too much overlap may result in a waste of resources and raise a system capacity overload concern.

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The Brownsburg site is planned to be located at a distance from our existing sites (depicted with Pink triangles) that will meet our coverage objectives.



The Brownsburg cell site is necessary to improve Verizon Wireless signal levels for better in building coverage in this area and to prepare for expansion of our 4th Generation wireless system. The Brownsburg site will also improve our ability to achieve intra-network handoff between the Clermont, Westwood, and Pittsboro sites by increasing the RF level on the neighborhood roads. This site is necessary to provide coverage that cannot be established in any other manner.

This cell site has been designed, and shall be constructed and operated in a manner that satisfies regulations and requirements of all applicable governmental agencies that have been charged with regulating tower specifications, operation, construction, and placement, including the FAA and FCC.

Sincerely,

Anthony Kibling
RF Engineer, Verizon Wireless