



April 15, 2013

Mr. Kirby Blass
Office of Planning
Charles County Government
Planning & Growth Management
P.O. Box 2150
La Plata, MD. 20646

RE: BOARD OF APPEALS DOCKET #1029 VERIZON 199' MONOPOLE Tower
EXTENSION; 6980 BENSVILLE ROAD, WHITE PLAINS, MD 20695

Dear Mr. Blass:

RCC has reviewed Verizon's application to extend the monopole tower referenced above to a height of 199' above ground level (AGL). The tower height is currently at 187' AGL. The tower extension would allow Verizon Wireless to co-locate their antennas at sufficient height to provide the desired coverage for their wireless communications system.

Site Selection

The proposed plan to extend the tower conforms with Zoning Regulation 4.06.300 Paragraph E (1) for co-location on existing towers. Verizon Wireless has submitted coverage maps illustrating the coverage to be provided by the proposed site. They have also submitted a master plan of the communications network for Charles County. RCC concurs with the proposed plan to expand the compound and extend the tower by 12' to a height of 199' (AGL).

Interference to Public Safety Communications

The proposed tower extension and antenna system will not interfere with the County's microwave backbone network which supports the 800MHZ communications system. Verizon Wireless has included a statement that the proposed site will interference with Public Safety 800MHZ system, and that Verizon Wireless will take all steps necessary to remove any interference caused by them. Verizon Wireless has provided sufficient design information along with antenna and radio frequency parameters to demonstrate that the proposed system is unlikely to cause interference with Public Safety communications.

RCC Consultants, Inc.

220 Oak Leaf Court, Apt D* Chesapeake, Virginia * 23320 * Tel (757) 642-7839



FAA/MAA Considerations

The FAA issued a letter of "DETERMINATION OF NO HAZARD TO AIR NAVIGATION". Verizon Wireless is required to update the FAA on the status of the tower construction. RCC recommends that the Verizon Wireless also notify the MAA of the increase height of the tower.

Structural Analysis

RCC recommends that Verizon Wireless provide a structural analysis with their final building permit application to confirm that the proposed structure is capable of supporting the existing and proposed antenna loads. RCC will review the design at that time, prior to the issue of the BP.

If you have any questions on this review, please feel free to give me a call at (757) 642-7839.

Sincerely,

A handwritten signature in black ink that reads "Gary M. Whitley".

Gary M. Whitley

RCC Consultants, Inc.

220 Oak Leaf Court, Apt D* Chesapeake, Virginia * 23320 * Tel (757) 642-7839