



From: Hank Madden – RF Engineer, Verizon Wireless

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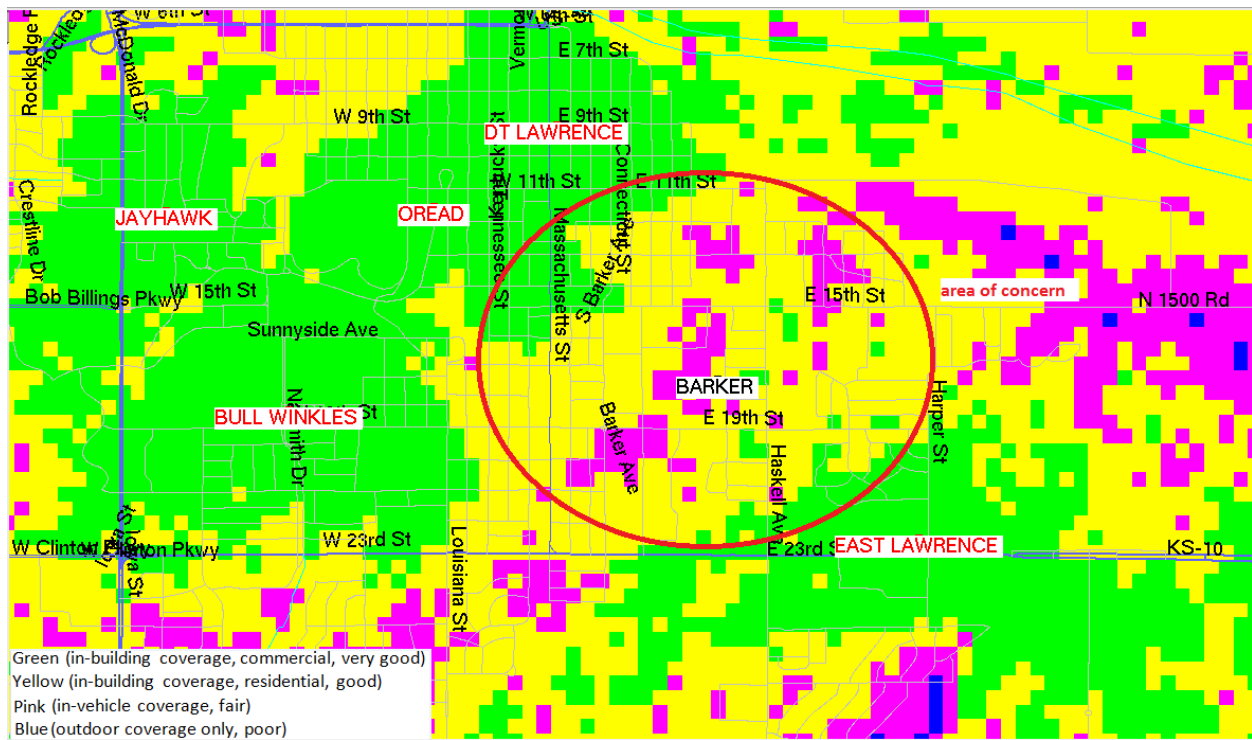
To: **The City Representatives**

RE: **Proposed Barker cell site**

Dear City Representatives,

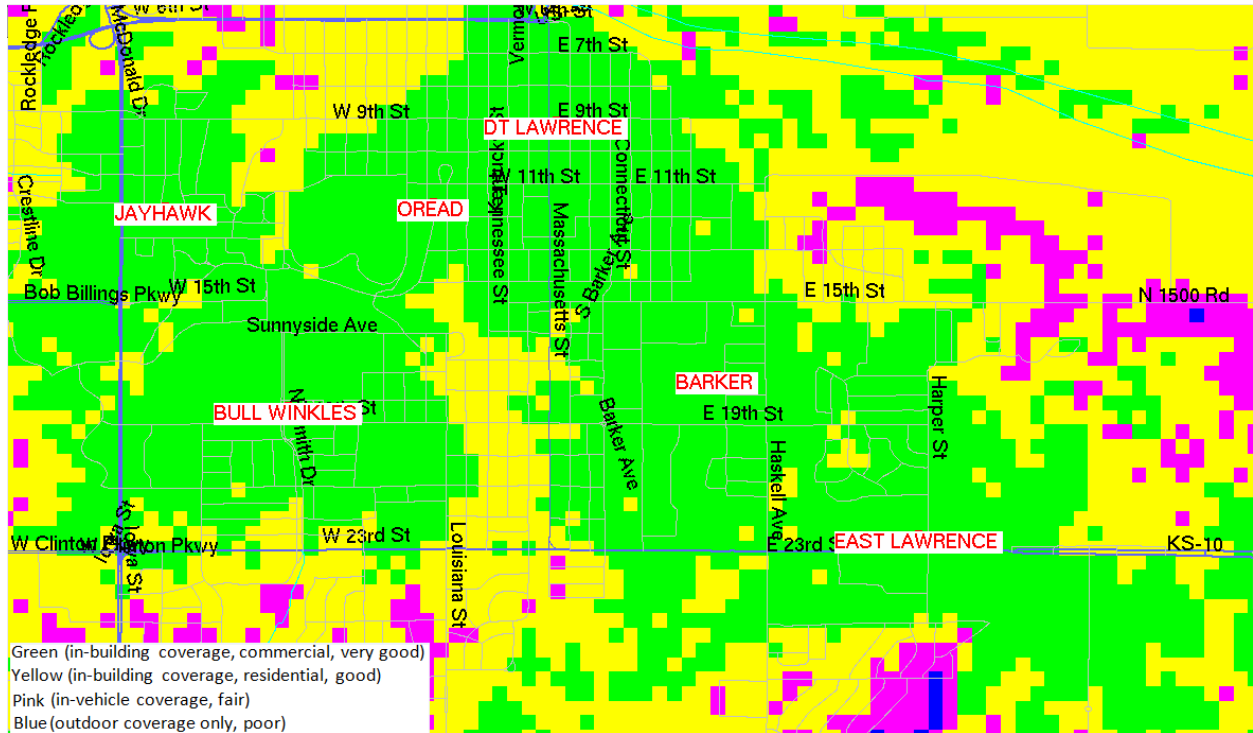
Verizon Wireless is proud to serve the greater Lawrence, KS area and we are always diligent to maintain excellent service and improvements. At this time, we are trying to enhance the area of east-central portions of Lawrence, KS where coverage service reliability and capacity must be improved. The area that needs improvement at this time in both capacity and performance is between Massachusetts St and Haskell Ave just north of 19<sup>th</sup> St in east-central Lawrence. The fast growing 4G (LTE) data usage has required us to plan for a new cell site in this area to improve coverage, performance and offload capacity from our existing sites namely DT Lawrence and East Lawrence sites as shown below, Map 1.

Map 1 – Existing Coverage



Below is Map 2 showing coverage improvement with the proposed new cell site, Barker.

Map 2 – Coverage with the new cell site



As 4G (LTE) data usage continues to increase dramatically as wireless customers utilize their phones for more day to day task and recreation, the demand also increases to meet these needs by creating new opportunities to develop methods of improving coverage, capacity, and data throughput. The most challenging is capacity and data throughput. Verizon Wireless is meeting the expectations of our customers by designing this proposed cell site in the Lawrence area.

This coverage improvement combined with the capacity offload will afford our customers the best possible data performance at the location identified. Verizon Wireless continues to strive to provide the best possible wireless experience for its customers while still recognizing the needs and desires of the surrounding community and being a good neighbor.